CONESTOGA-ROVERS
& ASSOCIATES

14496 Sheldon Road, Suite 200, Plymouth, Michigan 48170
Telephone: (734) 453-5123 Fax: (734) 453-5201
www.CRAworld.com

June 25, 2012 Reference No. 012620

Mr. Kyle Rogers
U.S. Environmental Protection Agency, Region 5
77 West Jackson Blvd., SB-7J
Chicago, Illinois 60604-3590

Dear Mr. Rogers:

RE: Groundwater Sample Results and Proposed Next Steps
Textile Road Site, Ypsilanti Township, Michigan

Introduction

Conestoga-Rovers & Associates (CRA) has prepared this letter on behalf of Revitalizing Auto Communities Environmental Response Trust (RACER) to present the results of groundwater samples collected in May 2012 and present a potential path forward to achieve closure at the Textile Road Site (Site). An additional round of groundwater sample collection and analysis was requested by the United States Environmental Protection Agency (U.S. EPA) to confirm groundwater conditions have remained stable prior to determining the best approach to close the Site and end security controls required by the Administrative Order on Consent effective September 23, 1999 (AOC).

Groundwater Sample Results

Groundwater samples were collected from four on-Site monitoring wells at the north property boundary of the Site. Based on historical groundwater elevation measurements collected prior to the removal action at the Site, groundwater flows in a northerly direction across the Site. The samples were analyzed for vinyl chloride, phenanthrene, polychlorinated biphenyls (PCBs), beryllium, iron, and manganese, consistent with the Operations, Monitoring, and Maintenance (OMM) Plan (CRA, March 2001). A sample key is presented in Table 1. Turbidity readings were elevated during the purging of MW1U-00, so an additional sample was field filtered for the analysis of dissolved beryllium, dissolved Iron, and dissolved manganese.

Based on the analytical results, concentrations remain consistent with previous sample results from 2001 through 2006. Vinyl chloride in MW4U-00, and iron and manganese in MW1U-00, MW2U-93, MW3U-00, and MW4U-00 were detected at concentrations greater than Michigan Department of Environmental Quality (MDEQ) Part 201 Drinking Water Criteria (DWC). No other parameters were detected. The historical and recent analytical results of groundwater samples are presented on Figure 1 and in Table 2. The laboratory analytical report is provided in Attachment 1.

The proposed scope of work included discharging the redevelopment and purged groundwater to the ground surface in the upgradient vicinity of the MW4U-00. Based on the results of the groundwater samples, RACER proposes to continue with this approach, pending concurrence from U.S. EPA.

Proposed Next Steps

Based on discussions between U.S. EPA and RACER at the Site in May 2012, RACER proposes that the remaining impacts to the Site can be addressed through a Restrictive Covenant which would include restricting use of the northern portion of the property to non-residential land uses and prohibiting the use of on-Site groundwater from the shallow unconfined unit.

Following recording of the Restrictive Covenant with the Washtenaw Country Register of Deeds, the Site's security fence should no longer need to be a requirement of the AOC, and the AOC can be closed.

Following closure/termination of the AOC, RACER proposes to abandon the existing four monitoring wells as no additional actions are warranted for the Site.

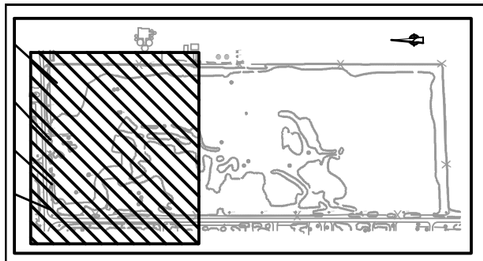
Please contact Dave Favero or myself if you would like to discuss this matter further.

Yours truly,

Christopher J. Meincke, P.E.

CJM/KTA/ds/1/Det.

cc: Grant Trigger, RACER
Dave Favero, RACER



KEY PLAN

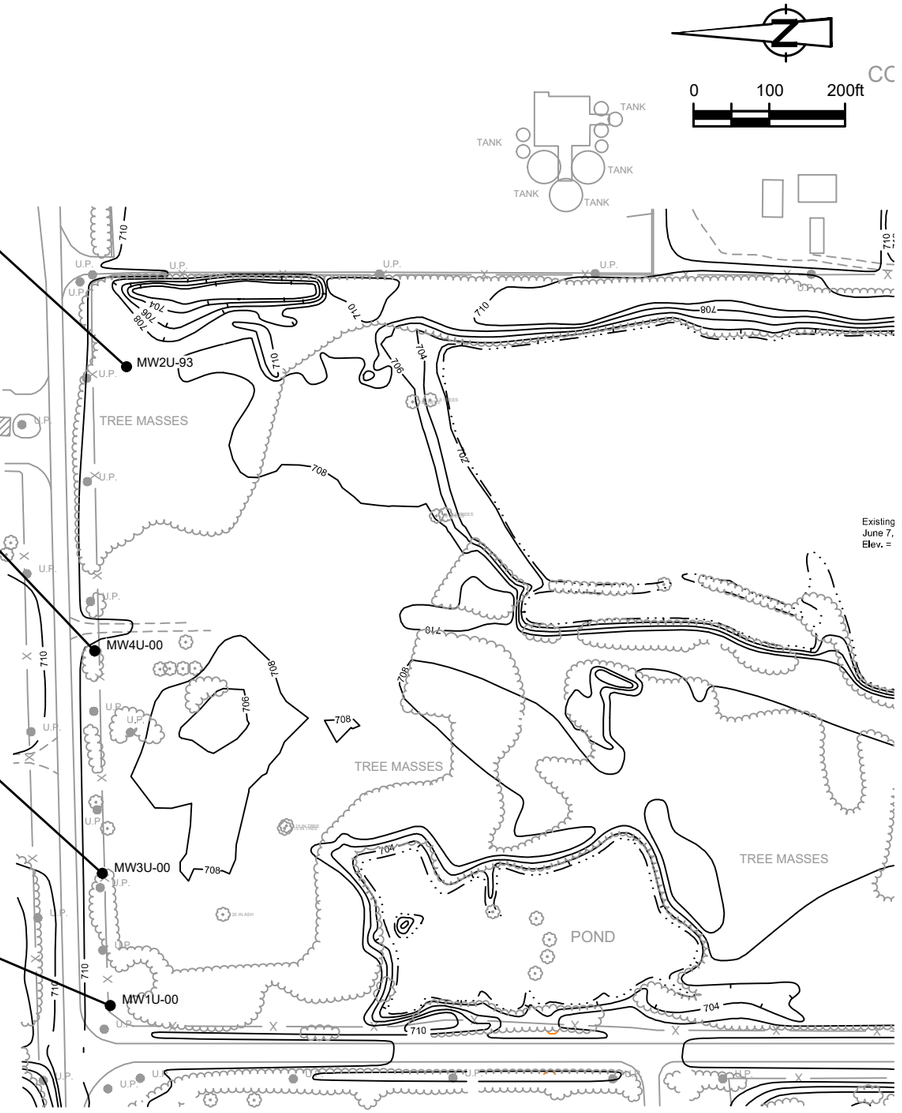
SCALE: 1"=1000'

MW2U-93	5/31/2001 ug/L	9/14/2001 ug/L	12/15/2001 ug/L	3/9/2002 ug/L	10/3/2002 ug/L	3/22/2003 ug/L	3/27/2004 ug/L	4/9/2005 ug/L	5/3/2012 ug/L
Metals									
Beryllium	5 U	5 U	-	-	5 U	-	-	-	1.0 U
Iron	7900	8200	-	-	13100	-	10600	-	18000
Manganese	480	510	-	-	660	-	390	-	490
PCBs									
Total PCBs	ND	ND	ND	ND	ND	ND	-	-	ND
SVOCs									
Phenanthrene	5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	-	-	1.9 U
VOCs									
Vinyl chloride	1.0 U	1.4	1.7 U	5.7 U	2.0 U	6.7 U	5.0 U	2.5 U	2.0 U

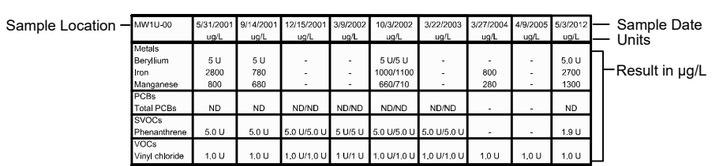
MW4U-00	5/31/2001 ug/L	9/14/2001 ug/L	12/15/2001 ug/L	3/9/2002 ug/L	10/3/2002 ug/L	3/22/2003 ug/L	3/27/2004 ug/L	4/9/2005 ug/L	4/5/2006 ug/L	5/3/2012 ug/L
Metals										
Beryllium	5 U	5 U/5 U	-	-	5 U	-	-	-	-	1.0 U/1.0 U
Iron	6900	6200/6500	-	-	4200	-	4400	-	-	6900/6500
Manganese	320	300/310	-	-	200	-	190	-	-	270/270
PCBs										
Total PCBs	ND	ND/ND	ND	ND	ND	ND	-	-	-	ND/ND
SVOCs										
Phenanthrene	5.0 U	5.0 U/5.0 U	5.0 U	5 U	5.0 U	5.0 U	-	-	-	1.9 U/1.9 U
VOCs										
Vinyl chloride	13	13/13	12	10	6.5	10	9.0	7.3/8.0	6.0/6.2	7.8/6.0

MW3U-00	5/31/2001 ug/L	9/14/2001 ug/L	12/15/2001 ug/L	3/9/2002 ug/L	10/3/2002 ug/L	3/22/2003 ug/L	3/27/2004 ug/L	4/9/2005 ug/L	5/3/2012 ug/L
Metals									
Beryllium	5 U/5 U	5 U	-	-	5 U	-	-	-	1.0 U
Iron	8700/8800	9400	-	-	9100	-	14400/14900	-	4800
Manganese	1000/1000	1200	-	-	910	-	930/980	-	610
PCBs									
Total PCBs	ND/ND	ND	ND	ND	ND	ND	-	-	ND
SVOCs									
Phenanthrene	5.0 U/5.0 U	5.0 U	5.0 U	5 U	5.0 U	5.0 U	-	-	1.9 U
VOCs									
Vinyl chloride	1.0 U/1.0 U	1.0 U	1.0 U	1 U	1.0 U	1.0 U	1.0 U/1.0 U	1.0 U	1.0 U

MW1U-00	5/31/2001 ug/L	9/14/2001 ug/L	12/15/2001 ug/L	3/9/2002 ug/L	10/3/2002 ug/L	3/22/2003 ug/L	3/27/2004 ug/L	4/9/2005 ug/L	5/3/2012 ug/L
Metals									
Beryllium	5 U	5 U	-	-	5 U/5 U	-	-	-	5.0 U
Iron	2800	780	-	-	1000/1100	-	800	-	2700
Manganese	800	680	-	-	660/710	-	280	-	1300
PCBs									
Total PCBs	ND	ND	ND/ND	ND/ND	ND/ND	ND/ND	-	-	ND
SVOCs									
Phenanthrene	5.0 U	5.0 U	5.0 U/5.0 U	5 U/5 U	5.0 U/5.0 U	5.0 U/5.0 U	-	-	1.9 U
VOCs									
Vinyl chloride	1.0 U	1.0 U	1.0 U/1.0 U	1 U/1 U	1.0 U/1.0 U	1.0 U/1.0 U	1.0 U	1.0 U	1.0 U



LEGEND



ND - Not Detected
U - Not Detected Above Provided Detection Limit
(-) - Parameter Not Analyzed From Specified Sample

SOURCES:
ORIGINAL SURVEY: DARRELL HUGHES AND ASSOCIATES, APRIL 1993, FILE NO. 93092
UPDATES: NOVA CONSULTANTS, INC., JUNE 2000, JULY 2000

figure 1

GROUNDWATER SAMPLE RESULTS
TEXTILE ROAD SITE
Washtenaw County, Michigan

012620-T01Y12(ROGE001)GN-DE001 JUN 25/2012

TABLE 1

SAMPLE SUMMARY
AOC CLOSURE SAMPLING
TEXTILE ROAD SITE
YPSILANTI TOWNSHIP, MICHIGAN

Sample Matrix	*Sample Location*	*Sample ID*	*Sample Date*	*Analysis*	*Notes*
Groundwater	MW-1U-00	GW-12620-050312-SK-043	5/3/2012	Select Parameters	
Groundwater	MW-3U-00	GW-12620-050312-SK-044	5/3/2012	Select Parameters and dissolved beryllium, iron, manganese	
Groundwater	MW-4U-00	GW-12620-050312-SK-045	5/3/2012	Select Parameters	
Groundwater	MW-4U-00	GW-12620-050312-SK-046	5/3/2012	Select Parameters	Duplicate (045)
Groundwater	MW-2U-00	GW-12620-050312-SK-047	5/3/2012	Select Parameters	

Notes:
Select Parameters - Vinyl Chloride, Phenanthrene, Beryllium, Iron, Manganese and PCBs

TABLE 2

ANALYTICAL RESULTS OF GROUNDWATER SAMPLES
TEXTILE ROAD SITE
WASHTENAW COUNTY, MICHIGAN

			Vinyl chloride	*Phenanthrene*	*Total PCBs*	*Beryllium*	*Beryllium (dissolved)*	*Iron*	*Iron (dissolved)*	*Manganese*	*Manganese (dissolved)*
			ug/L	*ug/L*	*ug/L*	*ug/L*	*ug/L*	*ug/L*	*ug/L*	*ug/L*	*ug/L*
MW1U-00	Sample Date	Sample Type									
GW-4770-053101-BW-001	5/31/2001		1.0 U	5.0 U	ND	5 U	--	2800	--	800	--
GW-4770-091401-BW-006	9/14/2001		1.0 U	5.0 U	ND	5 U	--	780	--	680	--
GW-4770-121501-BW-011	12/15/2001		1.0 U	5.0 U	ND	--	5 U	--	840	--	760
GW-4770-121501-BW-012	12/15/2001		--	--	ND	--	--	--	--	--	--
GW-4770-121501-BW-012	12/15/2001	Duplicate	1.0 U	5.0 U	--	--	5 U	--	840	--	770
GW-4770-030902-BW-016	3/9/2002		1 U	5 U	ND	--	5 U	--	950	--	820
GW-4770-030902-BW-017	3/9/2002	Duplicate	1 U	5 U	ND	--	5 U	--	670	--	660
GW-4770-100302-BW-021	10/3/2002		1.0 U	5.0 U	ND	5 U	--	1100	--	710	--
GW-4770-100302-BW-022	10/3/2002	Duplicate	1.0 U	5.0 U	ND	5 U	--	1000	--	660	--
GW-4770-032203-BW-026	3/22/2003		1.0 U	5.0 U	ND	--	5 U	--	360	--	300
GW-4770-032203-BW-027	3/22/2003	Duplicate	1.0 U	5.0 U	ND	--	5 U	--	370	--	240
GW-4770-032704-BW-031	3/27/2004		1.0 U	--	--	--	--	800	--	280	--
GW-4770-040905-BW-037	4/9/2005		1.0 U	--	--	--	--	--	--	--	--
GW-12620-050312-SK-043	5/3/2012		1.0 U	1.9 U	ND	5.0 U	5.0 U	2700	2100	1300	1200
MW2U-93											
GW-4770-053101-BW-005	5/31/2001		1.0 U	5.0 U	ND	5 U	--	7900	--	480	--
GW-4770-091401-BW-010	9/14/2001		1.4	5.0 U	ND	5 U	--	8200	--	510	--
GW-4770-121501-BW-015	12/15/2001		1.7 U	5.0 U	ND	--	5 U	--	9300	--	600
GW-4770-030902-BW-020	3/9/2002		5.7 U	5 U	ND	--	5 U	--	9900	--	600
GW-4770-100302-BW-025	10/3/2002		2.0 U	5.0 U	ND	5 U	--	13100	--	660	--
GW-4770-032203-BW-030	3/22/2003		6.7 U	5.0 U	ND	--	5 U	--	8800	--	400
GW-4770-032704-BW-035	3/27/2004		5.0 U	--	--	--	--	10600	--	390	--
GW-4770-040905-BW-041	4/9/2005		2.5 U	--	--	--	--	--	--	--	--
GW-12620-050312-SK-047	5/3/2012		2.0 U	1.9 U	ND	1.0 U	--	18000	--	490	--
MW3U-00											
GW-4770-053101-BW-002	5/31/2001		1.0 U	5.0 U	ND	5 U	--	8700	--	1000	--
GW-4770-053101-BW-003	5/31/2001		1.0 U	5.0 U	ND	5 U	--	8800	--	1000	--
GW-4770-091401-BW-007	9/14/2001		1.0 U	5.0 U	ND	5 U	--	9400	--	1200	--
GW-4770-121501-BW-013	12/15/2001		1.0 U	5.0 U	ND	--	5 U	--	9700	--	1100
GW-4770-030902-BW-018	3/9/2002		1 U	5 U	ND	--	5 U	--	9600	--	990
GW-4770-100302-BW-023	10/3/2002		1.0 U	5.0 U	ND	5 U	--	9100	--	910	--
GW-4770-032203-BW-028	3/22/2003		1.0 U	5.0 U	ND	--	5 U	--	9200	--	970
GW-4770-032704-BW-032	3/27/2004		1.0 U	--	--	--	--	14400	--	930	--
GW-4770-032704-BW-033	3/27/2004	Duplicate	1.0 U	--	--	--	--	14900	--	980	--
GW-4770-040905-BW-038	4/9/2005		1.0 U	--	--	--	--	--	--	--	--
GW-12620-050312-SK-044	5/3/2012		1.0 U	1.9 U	ND	1.0 U	--	4800	--	610	--
MW4U-00											
GW-4770-053101-BW-004	5/31/2001		13	5.0 U	ND	5 U	--	6900	--	320	--
GW-4770-091401-BW-008	9/14/2001		13	5.0 U	ND	5 U	--	6500	--	310	--
GW-4770-091401-BW-009	9/14/2001		13	5.0 U	ND	5 U	--	6200	--	300	--
GW-4770-121501-BW-014	12/15/2001		12	5.0 U	ND	--	5 U	--	7100	--	350
GW-4770-030902-BW-019	3/9/2002		10	5 U	ND	--	5 U	--	5800	--	260
GW-4770-100302-BW-024	10/3/2002		6.5	5.0 U	ND	5 U	--	4200	--	200	--
GW-4770-032203-BW-029	3/22/2003		10	5.0 U	ND	--	5 U	--	4500	--	220
GW-4770-032704-BW-034	3/27/2004		9.0	--	--	--	--	4400	--	190	--
GW-4770-040905-BW-039	4/9/2005		7.3	--	--	--	--	--	--	--	--
GW-4770-040905-BW-040	4/9/2005	Duplicate	8.0	--	--	--	--	--	--	--	--
GW-4770-040506-JY-043	4/5/2006		6.0	--	--	--	--	--	--	--	--
GW-4770-040506-JY-044	4/5/2006	Duplicate	6.2	--	--	--	--	--	--	--	--
GW-12620-050312-SK-045	5/3/2012		6.0	1.9 U	ND	1.0 U	--	6900	--	270	--
GW-12620-050312-SK-046	5/3/2012	Duplicate	7.8	1.9 U	ND	1.0 U	--	6500	--	270	--

Notes:

U - Not present at or above the associated value.

J - Estimated concentration.

UJ - Estimated reporting limit.

ATTACHMENT 1

LABORATORY ANALYTICAL REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

TestAmerica Job ID: 240-10953-1
Client Project/Site: 12620-TO1-001, RACER - Textile Road

For:
Conestoga-Rovers & Associates, Inc.
14496 Sheldon Road, Suite 200
Plymouth, Michigan 48170

Attn: Mr. Paul Wiseman

Denise D Heckler

Authorized for release by:
5/21/2012 12:53:57 PM

Denise Heckler
Project Manager II
denise.heckler@testamericainc.com

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.

Table of Contents

Job ID: 240-10953-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: 12620-TO1-001, RACER - Textile Road

Report Number: 240-10953-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

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.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

Added PCBs to samples -043 through -047 and Dissolved Metals to sample -043 as directed by Paul Wiseman on May 4, 2012. A revised chain of custody was not provided.

RECEIPT

The samples were received on 05/04/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.6, 2.3 and 4.7 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-12620-050312-SK-043 (240-10953-1), GW-12620-050312-SK-044 (240-10953-2), GW-12620-050312-SK-045 (240-10953-3), GW-12620-050312-SK-046 (240-10953-4), GW-12620-050312-SK-047 (240-10953-5) and TB-12620-050312-SK-048 (240-10953-6) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 05/09/2012, 05/11/2012 and 05/12/2012.

Sample GW-12620-050312-SK-047 (240-10953-5)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the VOCs analyses.

All quality control parameters were within the acceptance limits.

Job ID: 240-10953-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples GW-12620-050312-SK-043 (240-10953-1), GW-12620-050312-SK-044 (240-10953-2), GW-12620-050312-SK-045 (240-10953-3), GW-12620-050312-SK-046 (240-10953-4) and GW-12620-050312-SK-047 (240-10953-5) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 05/09/2012 and analyzed on 05/11/2012.

Surrogates are added during the extraction process prior to dilution. When the sample is diluted, surrogate recoveries are diluted out and no corrective action is required.

No difficulties were encountered during the SVOCs analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples GW-12620-050312-SK-043 (240-10953-1), GW-12620-050312-SK-044 (240-10953-2), GW-12620-050312-SK-045 (240-10953-3), GW-12620-050312-SK-046 (240-10953-4) and GW-12620-050312-SK-047 (240-10953-5) were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared and analyzed on 05/09/2012.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

DISSOLVED METALS (ICPMS)

Sample GW-12620-050312-SK-043 (240-10953-1) was analyzed for dissolved metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 05/07/2012 and analyzed on 05/08/2012 and 05/11/2012.

The following sample(s) was diluted due to the nature of the sample matrix: GW-12620-050312-SK-043 (240-10953-1). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

TOTAL RECOVERABLE METALS (ICPMS)

Samples GW-12620-050312-SK-043 (240-10953-1), GW-12620-050312-SK-044 (240-10953-2), GW-12620-050312-SK-045 (240-10953-3), GW-12620-050312-SK-046 (240-10953-4) and GW-12620-050312-SK-047 (240-10953-5) were analyzed for total recoverable metals (ICPMS) in accordance with EPA SW-846 Method 6020. The samples were prepared on 05/07/2012 and analyzed on 05/08/2012.

Sample GW-12620-050312-SK-043 (240-10953-1)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

GC Semi VOA

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

Metals

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

Glossary

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

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-10953-1	GW-12620-050312-SK-043	Water	05/03/12 10:00	05/04/12 09:15
240-10953-2	GW-12620-050312-SK-044	Water	05/03/12 11:20	05/04/12 09:15
240-10953-3	GW-12620-050312-SK-045	Water	05/03/12 12:20	05/04/12 09:15
240-10953-4	GW-12620-050312-SK-046	Water	05/03/12 12:30	05/04/12 09:15
240-10953-5	GW-12620-050312-SK-047	Water	05/03/12 14:00	05/04/12 09:15
240-10953-6	TB-12620-050312-SK-048	Water	05/03/12 00:00	05/04/12 09:15

Detection Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Client Sample ID: GW-12620-050312-SK-043 — Lab Sample ID: 240-10953-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	2700		100	26	ug/L	1		6020	Total Recoverable
Manganese	1300		50	0.83	ug/L	1		6020	Total Recoverable
Iron	2100		100	26	ug/L	1		6020	Dissolved
Manganese	1200		5.0	0.83	ug/L	1		6020	Dissolved

Client Sample ID: GW-12620-050312-SK-044 — Lab Sample ID: 240-10953-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	4800		100	26	ug/L	1		6020	Total Recoverable
Manganese	610		50	0.83	ug/L	1		6020	Total Recoverable

Client Sample ID: GW-12620-050312-SK-045 — Lab Sample ID: 240-10953-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	6.0		1.0	0.22	ug/L	1		8260B	Total/NA
Iron	6900		100	26	ug/L	1		6020	Total Recoverable
Manganese	270		50	0.83	ug/L	1		6020	Total Recoverable

Client Sample ID: GW-12620-050312-SK-046 — Lab Sample ID: 240-10953-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	7.8		1.0	0.22	ug/L	1		8260B	Total/NA
Iron	6500		100	26	ug/L	1		6020	Total Recoverable
Manganese	270		50	0.83	ug/L	1		6020	Total Recoverable

Client Sample ID: GW-12620-050312-SK-047 — Lab Sample ID: 240-10953-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	18000		100	26	ug/L	1		6020	Total Recoverable
Manganese	490		50	0.83	ug/L	1		6020	Total Recoverable

Client Sample ID: TB-12620-050312-SK-048 — Lab Sample ID: 240-10953-6

No Detections

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL NC
8270C	TCL Semivolatile Compounds (OLMO4.2)	SW846	TAL NC
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL NC
6020	Metals (ICP/MS)	SW846	TAL NC

Protocol References:

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

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-12620-050312-SK-043
Date Collected: 05/03/12 10:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			05/11/12 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*63 - 129*		*05/11/12 23:48*	*1*
4-Bromofluorobenzene (Surr)	*92*		*66 - 117*		*05/11/12 23:48*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*05/11/12 23:48*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 121*		*05/11/12 23:48*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-12620-050312-SK-044
Date Collected: 05/03/12 11:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			05/12/12 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 129*		*05/12/12 00:11*	*1*
4-Bromofluorobenzene (Surr)	*96*		*66 - 117*		*05/12/12 00:11*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*05/12/12 00:11*	*1*
Dibromofluoromethane (Surr)	*92*		*75 - 121*		*05/12/12 00:11*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-12620-050312-SK-045
Date Collected: 05/03/12 12:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**6.0**		1.0	0.22	ug/L			05/12/12 00:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*63 - 129*		*05/12/12 00:33*	*1*
4-Bromofluorobenzene (Surr)	*94*		*66 - 117*		*05/12/12 00:33*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*05/12/12 00:33*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 121*		*05/12/12 00:33*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-12620-050312-SK-046
Date Collected: 05/03/12 12:30
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	**7.8**		1.0	0.22	ug/L			05/09/12 05:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*05/09/12 05:10*	*1*
4-Bromofluorobenzene (Surr)	*89*		*66 - 117*		*05/09/12 05:10*	*1*
Toluene-d8 (Surr)	*92*		*74 - 115*		*05/09/12 05:10*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*05/09/12 05:10*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: GW-12620-050312-SK-047
Date Collected: 05/03/12 14:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	2.0	U	2.0	0.44	ug/L			05/12/12 00:55	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*63 - 129*		*05/12/12 00:55*	*2*
4-Bromofluorobenzene (Surr)	*113*		*66 - 117*		*05/12/12 00:55*	*2*
Toluene-d8 (Surr)	*106*		*74 - 115*		*05/12/12 00:55*	*2*
Dibromofluoromethane (Surr)	*100*		*75 - 121*		*05/12/12 00:55*	*2*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-12620-050312-SK-048
Date Collected: 05/03/12 00:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			05/12/12 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*05/12/12 01:18*	*1*
4-Bromofluorobenzene (Surr)	*100*		*66 - 117*		*05/12/12 01:18*	*1*
Toluene-d8 (Surr)	*97*		*74 - 115*		*05/12/12 01:18*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 121*		*05/12/12 01:18*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-12620-050312-SK-043
Date Collected: 05/03/12 10:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1.9	U	1.9	0.095	ug/L		05/09/12 08:35	05/11/12 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*44*		*28 - 110*	*05/09/12 08:35*	*05/11/12 14:56*	*1*
2-Fluorophenol (Surr)	*47*		*10 - 110*	*05/09/12 08:35*	*05/11/12 14:56*	*1*
2,4,6-Tribromophenol (Surr)	*46*		*22 - 120*	*05/09/12 08:35*	*05/11/12 14:56*	*1*
Nitrobenzene-d5 (Surr)	*44*		*27 - 111*	*05/09/12 08:35*	*05/11/12 14:56*	*1*
Phenol-d5 (Surr)	*48*		*10 - 110*	*05/09/12 08:35*	*05/11/12 14:56*	*1*
Terphenyl-d14 (Surr)	*57*		*37 - 119*	*05/09/12 08:35*	*05/11/12 14:56*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-12620-050312-SK-044
Date Collected: 05/03/12 11:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1.9	U	1.9	0.095	ug/L		05/09/12 08:35	05/11/12 15:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*47*		*28 - 110*	*05/09/12 08:35*	*05/11/12 15:14*	*1*
2-Fluorophenol (Surr)	*51*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:14*	*1*
2,4,6-Tribromophenol (Surr)	*50*		*22 - 120*	*05/09/12 08:35*	*05/11/12 15:14*	*1*
Nitrobenzene-d5 (Surr)	*48*		*27 - 111*	*05/09/12 08:35*	*05/11/12 15:14*	*1*
Phenol-d5 (Surr)	*55*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:14*	*1*
Terphenyl-d14 (Surr)	*53*		*37 - 119*	*05/09/12 08:35*	*05/11/12 15:14*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-12620-050312-SK-045
Date Collected: 05/03/12 12:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1.9	U	1.9	0.095	ug/L		05/09/12 08:35	05/11/12 15:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*51*		*28 - 110*	*05/09/12 08:35*	*05/11/12 15:32*	*1*
2-Fluorophenol (Surr)	*57*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:32*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*22 - 120*	*05/09/12 08:35*	*05/11/12 15:32*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 111*	*05/09/12 08:35*	*05/11/12 15:32*	*1*
Phenol-d5 (Surr)	*60*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:32*	*1*
Terphenyl-d14 (Surr)	*48*		*37 - 119*	*05/09/12 08:35*	*05/11/12 15:32*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-12620-050312-SK-046
Date Collected: 05/03/12 12:30
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1.9	U	1.9	0.095	ug/L		05/09/12 08:35	05/11/12 15:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*51*		*28 - 110*	*05/09/12 08:35*	*05/11/12 15:50*	*1*
2-Fluorophenol (Surr)	*56*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:50*	*1*
2,4,6-Tribromophenol (Surr)	*56*		*22 - 120*	*05/09/12 08:35*	*05/11/12 15:50*	*1*
Nitrobenzene-d5 (Surr)	*53*		*27 - 111*	*05/09/12 08:35*	*05/11/12 15:50*	*1*
Phenol-d5 (Surr)	*61*		*10 - 110*	*05/09/12 08:35*	*05/11/12 15:50*	*1*
Terphenyl-d14 (Surr)	*60*		*37 - 119*	*05/09/12 08:35*	*05/11/12 15:50*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Client Sample ID: GW-12620-050312-SK-047
Date Collected: 05/03/12 14:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	1.9	U	1.9	0.095	ug/L		05/09/12 08:35	05/11/12 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*47*		*28 - 110*	*05/09/12 08:35*	*05/11/12 16:07*	*1*
2-Fluorophenol (Surr)	*54*		*10 - 110*	*05/09/12 08:35*	*05/11/12 16:07*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*22 - 120*	*05/09/12 08:35*	*05/11/12 16:07*	*1*
Nitrobenzene-d5 (Surr)	*48*		*27 - 111*	*05/09/12 08:35*	*05/11/12 16:07*	*1*
Phenol-d5 (Surr)	*57*		*10 - 110*	*05/09/12 08:35*	*05/11/12 16:07*	*1*
Terphenyl-d14 (Surr)	*52*		*37 - 119*	*05/09/12 08:35*	*05/11/12 16:07*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GW-12620-050312-SK-043
Date Collected: 05/03/12 10:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.095	U	0.095	0.042	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1221	0.095	U	0.095	0.043	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1232	0.095	U	0.095	0.070	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1242	0.095	U	0.095	0.057	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1248	0.095	U	0.095	0.058	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1254	0.095	U	0.095	0.030	ug/L		05/09/12 09:38	05/09/12 18:17	1
Aroclor-1260	0.095	U	0.095	0.036	ug/L		05/09/12 09:38	05/09/12 18:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*35 - 137*	*05/09/12 09:38*	*05/09/12 18:17*	*1*
DCB Decachlorobiphenyl	*62*		*10 - 140*	*05/09/12 09:38*	*05/09/12 18:17*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GW-12620-050312-SK-044
Date Collected: 05/03/12 11:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.095	U	0.095	0.042	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1221	0.095	U	0.095	0.043	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1232	0.095	U	0.095	0.070	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1242	0.095	U	0.095	0.057	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1248	0.095	U	0.095	0.058	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1254	0.095	U	0.095	0.030	ug/L		05/09/12 09:38	05/09/12 18:32	1
Aroclor-1260	0.095	U	0.095	0.036	ug/L		05/09/12 09:38	05/09/12 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*35 - 137*	*05/09/12 09:38*	*05/09/12 18:32*	*1*
DCB Decachlorobiphenyl	*49*		*10 - 140*	*05/09/12 09:38*	*05/09/12 18:32*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GW-12620-050312-SK-045
Date Collected: 05/03/12 12:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.095	U	0.095	0.042	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1221	0.095	U	0.095	0.043	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1232	0.095	U	0.095	0.070	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1242	0.095	U	0.095	0.057	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1248	0.095	U	0.095	0.058	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1254	0.095	U	0.095	0.030	ug/L		05/09/12 09:38	05/09/12 18:46	1
Aroclor-1260	0.095	U	0.095	0.036	ug/L		05/09/12 09:38	05/09/12 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*35 - 137*	*05/09/12 09:38*	*05/09/12 18:46*	*1*
DCB Decachlorobiphenyl	*50*		*10 - 140*	*05/09/12 09:38*	*05/09/12 18:46*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GW-12620-050312-SK-046
Date Collected: 05/03/12 12:30
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.095	U	0.095	0.042	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1221	0.095	U	0.095	0.043	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1232	0.095	U	0.095	0.070	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1242	0.095	U	0.095	0.057	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1248	0.095	U	0.095	0.058	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1254	0.095	U	0.095	0.030	ug/L		05/09/12 09:38	05/09/12 19:00	1
Aroclor-1260	0.095	U	0.095	0.036	ug/L		05/09/12 09:38	05/09/12 19:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*35 - 137*	*05/09/12 09:38*	*05/09/12 19:00*	*1*
DCB Decachlorobiphenyl	*54*		*10 - 140*	*05/09/12 09:38*	*05/09/12 19:00*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: GW-12620-050312-SK-047
Date Collected: 05/03/12 14:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.095	U	0.095	0.042	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1221	0.095	U	0.095	0.043	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1232	0.095	U	0.095	0.070	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1242	0.095	U	0.095	0.057	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1248	0.095	U	0.095	0.058	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1254	0.095	U	0.095	0.030	ug/L		05/09/12 09:38	05/09/12 19:14	1
Aroclor-1260	0.095	U	0.095	0.036	ug/L		05/09/12 09:38	05/09/12 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*65*		*35 - 137*	*05/09/12 09:38*	*05/09/12 19:14*	*1*
DCB Decachlorobiphenyl	*40*		*10 - 140*	*05/09/12 09:38*	*05/09/12 19:14*	*1*

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: GW-12620-050312-SK-043
Date Collected: 05/03/12 10:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	5.0	U	5.0	1.0	ug/L		05/07/12 09:53	05/08/12 12:50	5
Iron	**2700**		100	26	ug/L		05/07/12 09:53	05/08/12 12:26	1
Manganese	**1300**		50	0.83	ug/L		05/07/12 09:53	05/08/12 12:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: GW-12620-050312-SK-044
Date Collected: 05/03/12 11:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.0	U	1.0	0.20	ug/L		05/07/12 09:53	05/08/12 13:15	1
Iron	**4800**		100	26	ug/L		05/07/12 09:53	05/08/12 13:15	1
Manganese	**610**		50	0.83	ug/L		05/07/12 09:53	05/08/12 13:15	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: GW-12620-050312-SK-045
Date Collected: 05/03/12 12:20
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.0	U	1.0	0.20	ug/L		05/07/12 09:53	05/08/12 13:20	1
Iron	**6900**		100	26	ug/L		05/07/12 09:53	05/08/12 13:20	1
Manganese	**270**		50	0.83	ug/L		05/07/12 09:53	05/08/12 13:20	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: GW-12620-050312-SK-046
Date Collected: 05/03/12 12:30
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.0	U	1.0	0.20	ug/L		05/07/12 09:53	05/08/12 13:26	1
Iron	**6500**		100	26	ug/L		05/07/12 09:53	05/08/12 13:26	1
Manganese	**270**		50	0.83	ug/L		05/07/12 09:53	05/08/12 13:26	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Client Sample ID: GW-12620-050312-SK-047
Date Collected: 05/03/12 14:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.0	U	1.0	0.20	ug/L		05/07/12 09:53	05/08/12 13:31	1
Iron	**18000**		100	26	ug/L		05/07/12 09:53	05/08/12 13:31	1
Manganese	**490**		50	0.83	ug/L		05/07/12 09:53	05/08/12 13:31	1

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 6020 - Metals (ICP/MS) - Dissolved

Client Sample ID: GW-12620-050312-SK-043
Date Collected: 05/03/12 10:00
Date Received: 05/04/12 09:15

Lab Sample ID: 240-10953-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	5.0	U	5.0	1.0	ug/L		05/07/12 09:53	05/11/12 07:35	5
Iron	**2100**		100	26	ug/L		05/07/12 09:53	05/08/12 13:09	1
Manganese	**1200**		5.0	0.83	ug/L		05/07/12 09:53	05/08/12 13:09	1

GC/MS VOA

Analysis Batch: 43230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-4	GW-12620-050312-SK-046	Total/NA	Water	8260B	
LCS 240-43230/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-43230/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 43765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total/NA	Water	8260B	
240-10953-2	GW-12620-050312-SK-044	Total/NA	Water	8260B	
240-10953-3	GW-12620-050312-SK-045	Total/NA	Water	8260B	
240-10953-5	GW-12620-050312-SK-047	Total/NA	Water	8260B	
240-10953-6	TB-12620-050312-SK-048	Total/NA	Water	8260B	
LCS 240-43765/4	Lab Control Sample	Total/NA	Water	8260B	
MB 240-43765/5	Method Blank	Total/NA	Water	8260B	

GC/MS Semi VOA

Prep Batch: 43293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total/NA	Water	3520C	
240-10953-2	GW-12620-050312-SK-044	Total/NA	Water	3520C	
240-10953-3	GW-12620-050312-SK-045	Total/NA	Water	3520C	
240-10953-4	GW-12620-050312-SK-046	Total/NA	Water	3520C	
240-10953-5	GW-12620-050312-SK-047	Total/NA	Water	3520C	
LCS 240-43293/22-A	Lab Control Sample	Total/NA	Water	3520C	
MB 240-43293/21-A	Method Blank	Total/NA	Water	3520C	

Analysis Batch: 43638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total/NA	Water	8270C	43293
240-10953-2	GW-12620-050312-SK-044	Total/NA	Water	8270C	43293
240-10953-3	GW-12620-050312-SK-045	Total/NA	Water	8270C	43293
240-10953-4	GW-12620-050312-SK-046	Total/NA	Water	8270C	43293
240-10953-5	GW-12620-050312-SK-047	Total/NA	Water	8270C	43293
LCS 240-43293/22-A	Lab Control Sample	Total/NA	Water	8270C	43293

Analysis Batch: 44095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-43293/21-A	Method Blank	Total/NA	Water	8270C	43293

GC Semi VOA

Prep Batch: 43321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total/NA	Water	3510C	
240-10953-2	GW-12620-050312-SK-044	Total/NA	Water	3510C	
240-10953-3	GW-12620-050312-SK-045	Total/NA	Water	3510C	
240-10953-4	GW-12620-050312-SK-046	Total/NA	Water	3510C	
240-10953-5	GW-12620-050312-SK-047	Total/NA	Water	3510C	
LCS 240-43321/22-A	Lab Control Sample	Total/NA	Water	3510C	
MB 240-43321/21-A	Method Blank	Total/NA	Water	3510C	

GC Semi VOA (Continued)

Analysis Batch: 43433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total/NA	Water	8082	43321
240-10953-2	GW-12620-050312-SK-044	Total/NA	Water	8082	43321
240-10953-3	GW-12620-050312-SK-045	Total/NA	Water	8082	43321
240-10953-4	GW-12620-050312-SK-046	Total/NA	Water	8082	43321
240-10953-5	GW-12620-050312-SK-047	Total/NA	Water	8082	43321
LCS 240-43321/22-A	Lab Control Sample	Total/NA	Water	8082	43321
MB 240-43321/21-A	Method Blank	Total/NA	Water	8082	43321

Metals

Prep Batch: 43004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total Recoverable	Water	3005A	
240-10953-1	GW-12620-050312-SK-043	Dissolved	Water	3005A	
240-10953-2	GW-12620-050312-SK-044	Total Recoverable	Water	3005A	
240-10953-3	GW-12620-050312-SK-045	Total Recoverable	Water	3005A	
240-10953-4	GW-12620-050312-SK-046	Total Recoverable	Water	3005A	
240-10953-5	GW-12620-050312-SK-047	Total Recoverable	Water	3005A	
LCS 240-43004/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 240-43004/1-A	Method Blank	Total Recoverable	Water	3005A	

Analysis Batch: 43264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Total Recoverable	Water	6020	43004
240-10953-1	GW-12620-050312-SK-043	Total Recoverable	Water	6020	43004
240-10953-1	GW-12620-050312-SK-043	Dissolved	Water	6020	43004
240-10953-2	GW-12620-050312-SK-044	Total Recoverable	Water	6020	43004
240-10953-3	GW-12620-050312-SK-045	Total Recoverable	Water	6020	43004
240-10953-4	GW-12620-050312-SK-046	Total Recoverable	Water	6020	43004
240-10953-5	GW-12620-050312-SK-047	Total Recoverable	Water	6020	43004
LCS 240-43004/2-A	Lab Control Sample	Total Recoverable	Water	6020	43004
MB 240-43004/1-A	Method Blank	Total Recoverable	Water	6020	43004

Analysis Batch: 43857

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-10953-1	GW-12620-050312-SK-043	Dissolved	Water	6020	43004

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-43230/5
Matrix: Water
Analysis Batch: 43230

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			05/08/12 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*63 - 129*		*05/08/12 22:33*	*1*
4-Bromofluorobenzene (Surr)	*90*		*66 - 117*		*05/08/12 22:33*	*1*
Toluene-d8 (Surr)	*92*		*74 - 115*		*05/08/12 22:33*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 121*		*05/08/12 22:33*	*1*

Lab Sample ID: LCS 240-43230/4
Matrix: Water
Analysis Batch: 43230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			10.0	12.2		ug/L		122	53 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*87*		*63 - 129*
4-Bromofluorobenzene (Surr)	*99*		*66 - 117*
Toluene-d8 (Surr)	*93*		*74 - 115*
Dibromofluoromethane (Surr)	*103*		*75 - 121*

Lab Sample ID: MB 240-43765/5
Matrix: Water
Analysis Batch: 43765

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	1.0	U	1.0	0.22	ug/L			05/11/12 23:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*63 - 129*		*05/11/12 23:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*66 - 117*		*05/11/12 23:26*	*1*
Toluene-d8 (Surr)	*96*		*74 - 115*		*05/11/12 23:26*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 121*		*05/11/12 23:26*	*1*

Lab Sample ID: LCS 240-43765/4
Matrix: Water
Analysis Batch: 43765

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Vinyl chloride			10.0	9.01		ug/L		90	53 - 127		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*63 - 129*
4-Bromofluorobenzene (Surr)	*101*		*66 - 117*
Toluene-d8 (Surr)	*100*		*74 - 115*
Dibromofluoromethane (Surr)	*96*		*75 - 121*

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Lab Sample ID: MB 240-43293/21-A
Matrix: Water
Analysis Batch: 44095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43293

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	2.0	U	2.0	0.10	ug/L		05/09/12 08:35	05/15/12 18:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*28 - 110*	*05/09/12 08:35*	*05/15/12 18:04*	*1*
2-Fluorophenol (Surr)	*67*		*10 - 110*	*05/09/12 08:35*	*05/15/12 18:04*	*1*
2,4,6-Tribromophenol (Surr)	*45*		*22 - 120*	*05/09/12 08:35*	*05/15/12 18:04*	*1*
Nitrobenzene-d5 (Surr)	*66*		*27 - 111*	*05/09/12 08:35*	*05/15/12 18:04*	*1*
Phenol-d5 (Surr)	*67*		*10 - 110*	*05/09/12 08:35*	*05/15/12 18:04*	*1*
Terphenyl-d14 (Surr)	*82*		*37 - 119*	*05/09/12 08:35*	*05/15/12 18:04*	*1*

Lab Sample ID: LCS 240-43293/22-A
Matrix: Water
Analysis Batch: 43638

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43293

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Phenanthrene			20.0	13.4		ug/L		67	52 - 114		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*65*		*28 - 110*
2-Fluorophenol (Surr)	*73*		*10 - 110*
2,4,6-Tribromophenol (Surr)	*60*		*22 - 120*
Nitrobenzene-d5 (Surr)	*69*		*27 - 111*
Phenol-d5 (Surr)	*74*		*10 - 110*
Terphenyl-d14 (Surr)	*72*		*37 - 119*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-43321/21-A
Matrix: Water
Analysis Batch: 43433

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 43321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	0.10	U	0.10	0.044	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1221	0.10	U	0.10	0.045	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1232	0.10	U	0.10	0.073	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1242	0.10	U	0.10	0.060	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1248	0.10	U	0.10	0.061	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1254	0.10	U	0.10	0.032	ug/L		05/09/12 09:38	05/09/12 22:08	1
Aroclor-1260	0.10	U	0.10	0.038	ug/L		05/09/12 09:38	05/09/12 22:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*35 - 137*	*05/09/12 09:38*	*05/09/12 22:08*	*1*
DCB Decachlorobiphenyl	*84*		*10 - 140*	*05/09/12 09:38*	*05/09/12 22:08*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-43321/22-A
Matrix: Water
Analysis Batch: 43433

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 43321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	2.50	2.00		ug/L		80	56 - 130
Aroclor-1260	2.50	2.20		ug/L		88	43 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*35 - 137*
DCB Decachlorobiphenyl	*87*		*10 - 140*

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 240-43004/1-A
Matrix: Water
Analysis Batch: 43264

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 43004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	1.0	U	1.0	0.20	ug/L		05/07/12 09:53	05/08/12 10:21	1
Iron	100	U	100	26	ug/L		05/07/12 09:53	05/08/12 10:21	1
Manganese	50	U	50	0.83	ug/L		05/07/12 09:53	05/08/12 10:21	1

Lab Sample ID: LCS 240-43004/2-A
Matrix: Water
Analysis Batch: 43264

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 43004

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	1000	911		ug/L		91	80 - 120
Iron	10000	9400		ug/L		94	80 - 120
Manganese	1000	948		ug/L		95	80 - 120

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		12DCE	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(63-129)	(66-117)	(74-115)	(75-121)
240-10953-1	GW-12620-050312-SK-043	99	92	96	96
240-10953-2	GW-12620-050312-SK-044	98	96	96	92
240-10953-3	GW-12620-050312-SK-045	100	94	96	98
240-10953-4	GW-12620-050312-SK-046	88	89	92	100
240-10953-5	GW-12620-050312-SK-047	102	113	106	100
240-10953-6	TB-12620-050312-SK-048	97	100	97	95
LCS 240-43230/4	Lab Control Sample	87	99	93	103
LCS 240-43765/4	Lab Control Sample	95	101	100	96
MB 240-43230/5	Method Blank	88	90	92	99
MB 240-43765/5	Method Blank	97	95	96	94

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270C - TCL Semivolatile Compounds (OLMO4.2)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	TBP	NBZ	PHL	TPH
Lab Sample ID	Client Sample ID	(28-110)	(10-110)	(22-120)	(27-111)	(10-110)	(37-119)
240-10953-1	GW-12620-050312-SK-043	44	47	46	44	48	57
240-10953-2	GW-12620-050312-SK-044	47	51	50	48	55	53
240-10953-3	GW-12620-050312-SK-045	51	57	54	53	60	48
240-10953-4	GW-12620-050312-SK-046	51	56	56	53	61	60
240-10953-5	GW-12620-050312-SK-047	47	54	54	48	57	52
LCS 240-43293/22-A	Lab Control Sample	65	73	60	69	74	72
MB 240-43293/21-A	Method Blank	65	67	45	66	67	82

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPH = Terphenyl-d14 (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(35-137)	(10-140)
240-10953-1	GW-12620-050312-SK-043	65	62
240-10953-2	GW-12620-050312-SK-044	64	49
240-10953-3	GW-12620-050312-SK-045	68	50
240-10953-4	GW-12620-050312-SK-046	63	54
240-10953-5	GW-12620-050312-SK-047	65	40
LCS 240-43321/22-A	Lab Control Sample	69	87

Surrogate Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(35-137)	(10-140)								
MB 240-43321/21-A	Method Blank	72	84								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Client Sample ID: GW-12620-050312-SK-043

Lab Sample ID: 240-10953-1

Date Collected: 05/03/12 10:00

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	43765	05/11/12 23:48	LW	TAL NC
Total/NA	Prep	3520C			43293	05/09/12 08:35	CC	TAL NC
Total/NA	Analysis	8270C		1	43638	05/11/12 14:56	TH	TAL NC
Total/NA	Prep	3510C			43321	05/09/12 09:38	SE	TAL NC
Total/NA	Analysis	8082		1	43433	05/09/12 18:17	LH	TAL NC
Total Recoverable	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6020		1	43264	05/08/12 12:26	KC	TAL NC
Total Recoverable	Analysis	6020		5	43264	05/08/12 12:50	KC	TAL NC
Dissolved	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Dissolved	Analysis	6020		1	43264	05/08/12 13:09	KC	TAL NC
Dissolved	Analysis	6020		5	43857	05/11/12 07:35	KC	TAL NC

Client Sample ID: GW-12620-050312-SK-044

Lab Sample ID: 240-10953-2

Date Collected: 05/03/12 11:20

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	43765	05/12/12 00:11	LW	TAL NC
Total/NA	Prep	3520C			43293	05/09/12 08:35	CC	TAL NC
Total/NA	Analysis	8270C		1	43638	05/11/12 15:14	TH	TAL NC
Total/NA	Prep	3510C			43321	05/09/12 09:38	SE	TAL NC
Total/NA	Analysis	8082		1	43433	05/09/12 18:32	LH	TAL NC
Total Recoverable	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6020		1	43264	05/08/12 13:15	KC	TAL NC

Client Sample ID: GW-12620-050312-SK-045

Lab Sample ID: 240-10953-3

Date Collected: 05/03/12 12:20

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	43765	05/12/12 00:33	LW	TAL NC
Total/NA	Prep	3520C			43293	05/09/12 08:35	CC	TAL NC
Total/NA	Analysis	8270C		1	43638	05/11/12 15:32	TH	TAL NC
Total/NA	Prep	3510C			43321	05/09/12 09:38	SE	TAL NC
Total/NA	Analysis	8082		1	43433	05/09/12 18:46	LH	TAL NC
Total Recoverable	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6020		1	43264	05/08/12 13:20	KC	TAL NC

Client Sample ID: GW-12620-050312-SK-046

Lab Sample ID: 240-10953-4

Date Collected: 05/03/12 12:30

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	43230	05/09/12 05:10	LW	TAL NC

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Client Sample ID: GW-12620-050312-SK-046

Lab Sample ID: 240-10953-4

Date Collected: 05/03/12 12:30

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3520C			43293	05/09/12 08:35	CC	TAL NC
Total/NA	Analysis	8270C		1	43638	05/11/12 15:50	TH	TAL NC
Total/NA	Prep	3510C			43321	05/09/12 09:38	SE	TAL NC
Total/NA	Analysis	8082		1	43433	05/09/12 19:00	LH	TAL NC
Total Recoverable	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6020		1	43264	05/08/12 13:26	KC	TAL NC

Client Sample ID: GW-12620-050312-SK-047

Lab Sample ID: 240-10953-5

Date Collected: 05/03/12 14:00

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	43765	05/12/12 00:55	LW	TAL NC
Total/NA	Prep	3520C			43293	05/09/12 08:35	CC	TAL NC
Total/NA	Analysis	8270C		1	43638	05/11/12 16:07	TH	TAL NC
Total/NA	Prep	3510C			43321	05/09/12 09:38	SE	TAL NC
Total/NA	Analysis	8082		1	43433	05/09/12 19:14	LH	TAL NC
Total Recoverable	Prep	3005A			43004	05/07/12 09:53	AS	TAL NC
Total Recoverable	Analysis	6020		1	43264	05/08/12 13:31	KC	TAL NC

Client Sample ID: TB-12620-050312-SK-048

Lab Sample ID: 240-10953-6

Date Collected: 05/03/12 00:00

Matrix: Water

Date Received: 05/04/12 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	43765	05/12/12 01:18	LW	TAL NC

Laboratory References:

TAL NC = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 12620-TO1-001, RACER - Textile Road

TestAmerica Job ID: 240-10953-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAC	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAC	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAC	5	200004
TestAmerica Canton	Kansas	NELAC	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAC	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAC	2	OH001
TestAmerica Canton	New York	NELAC	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAC	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190

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.

CONESTOGA-ROVERS & ASSOCIATES

CHAIN OF CUSTODY RECORD

14496 Sheldon Road, Suite #200, Plymouth, Michigan 48170
Phone: (734) 453-5123 Fax: (734) 453-5201

COC NO.: PL- 09475
PAGE 1 OF 1
(See Reverse Side for Instructions)

Project No/ Phase/Task Code: 012620- T01Y12	**Laboratory Name:** Test America	**Lab Location:** North Canton, OH	**SSOW ID:** 11080-T01-001
Project Name: RACER: Textile Rd	**Lab Contact:** Becki Strait	**Lab Quote No:** Enfos PO 129224	**Cooler No:**
Project Location: Ypsilanti, MI			**Carrier:** Fedex
Chemistry Contact: Paul Wiseman			**Airbill No:**
Sampler(s): R. Scott Kippen			**Date Shipped:** 5-3-12

Item	Sample Identification (Containers for each sample may be combined on one line)	Date (mm/dd/yy)	Time (hh:mm)	Matrix Code (see back of COC)	Grab (G) or Comp (C)	Container Quantity & Preservation: Unpreserved	HCl	HNO_3	H_2SO_4	NaOH	Methanol/Water (Soil VOC)	EnCores 3x5-g, 1x25-g	Other:	Total Containers/Sample	Analysis Requested: Vinyl Chloride	Phenanthrene	Beryllium	Iron	Manganese	MS/MSD Request	Comments/ Special Instructions:
1	GW-12620-050312-SK-043	05/03/12	10:00	WG	G	4	3	2						9	X	X	X	X	X		
2	-044		11:20			4	3	1						8	X	X	X	X	X		
3	-045		12:20			4	3	1						8	X	X	X	X	X		
4	-046		12:30			4	3	1						8	X	X	X	X	X		
5	-047		14:00			4	3	1						8	X	X	X	X	X		
6	TB-12620-050312-SK-048	05/03/12	—	TB	—		1							1	X						
7																					
8																					
9																					
10																					
11																					
12																					
13																					
14																					
15																					

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TAT Required in business days (use separate COCs for different TATs):
☐ 1 Day ☐ 2 Days ☐ 3 Days ☐ 1 Week ☒ 2 Week ☐ Other:

Total Number of Containers: 43
All Samples in Cooler must be on COC

Notes/ Special Requirements:

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1. Scott Kippen	CRA	5/3/12	16:00	1.	TAL	5-4-12	915
2.				2.			
3.				3.			

5/21/2012

THE CHAIN OF CUSTODY IS A LEGAL DOCUMENT – ALL FIELDS MUST BE COMPLETED ACCURATELY

Distribution: WHITE – Fully Executed Copy (CRA) YELLOW – Receiving Laboratory Copy PINK – Shipper GOLDENROD – Sampling Crew

CRA Form: COC-10A (20110804)

TestAmerica North Canton Sample Receipt Form/Narrative Login # : 10953

Client CRA Site Name _____ By: _____ (Signature)

Cooler Received on 5-4-12 Opened on 5-4-12

FedEx: 1st Grd (Exp) UPS FAS Stetson Client Drop Off TestAmerica Courier Other _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box (Other) _____

Packing material used: (Bubble Wrap) Foam Plastic Bag None Other _____

COOLANT: (Wet Ice) Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt

IR GUN# 1	(CF -2°C)	Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 4G	(CF -1°C)	Observed Sample Temp._____°C	Corrected Sample Temp._____°C	(X) Multiple on Back
IR GUN# 5G	(CF -1°C)	Observed Sample Temp._____°C	Corrected Sample Temp._____°C	
IR GUN# 6Y	(CF -2°C)	Observed Sample Temp._____°C	Corrected Sample Temp._____°C	

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes	(No)
-Were custody seals on the outside of the cooler(s) signed & dated?	Yes No	(NA)
-Were custody seals on the bottle(s)?	Yes	(No)
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	No
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
7. Could all bottle labels be reconciled with the COC?	(Yes)	No
8. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
9. Sufficient quantity received to perform indicated analyses?	(Yes)	No
10. Were sample(s) at the correct pH upon receipt?	(Yes)	No NA
11. Were VOAs on the COC?	(Yes)	No
12. Were air bubbles >6 mm in any VOA vials?	Yes	(No) NA
13. Was a trip blank present in the cooler(s)?	(Yes)	(No) ~~TS~~

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

14. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). Nitric Acid Lot# 110410-HNO3; Sulfuric Acid Lot# 041911-H2SO4; Sodium Hydroxide Lot# 121809 - NaOH; Hydrochloric Acid Lot# 041911-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-(CH3COO)2ZN/NaOH. What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
43	<2 <2	5-4-12	RB
44	<2	"	"
45	<2	"	"
46	<2	"	"
47	<2	"	"

Cooler #	Observed Sample Temp. °C	Corrected Sample Temp. °C	IR #	Coolant
241-1060	4.3	2.3	64	ice
241-165	3.6	1.6	"	"
904-519-9551	4.7	4.7	"	"

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 240-10953-1

Login Number: 10953

List Source: TestAmerica Canton

List Number: 1

Creator: Sutek, Nick

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.	True	
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	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	