

Appendix P

Analytical Lab Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-72109-1

Client Project/Site: NYSDEC - 5565 River Rd: Site# 915239

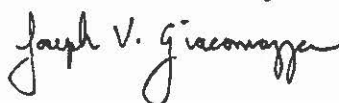
For:

New York State D.E.C.

270 Michigan Avenue

Buffalo, New York 14203

Attn: Mr. Glenn May



Authorized for release by:

12/12/2014 4:43:27 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

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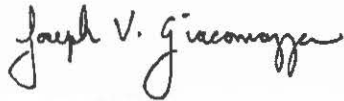
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
12/12/2014 4:43:27 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-72109-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
A	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard. Instrument related QC exceeds the control limits.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-72109-1

Job ID: 480-72109-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-72109-1

Receipt

The samples were received on 12/1/2014 10:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.1° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 218242 recovered outside acceptance criteria, low biased, for 1,1-Dichloroethene, Methylcyclohexane and/or Cyclohexane, and/or Carbon disulfide. A reporting limit (RL) standard was analyzed, and the target analytes were detected. Since the associated samples were non-detect for these analytes, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) analyzed in batch 218242 was outside the method criteria for the following analyte(s): Carbon disulfide. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 216607.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd. Site# 915239

TestAmerica Job ID: 480-72109-1

Client Sample ID: #1

Lab Sample ID: 480-72109-1

Date Collected: 12/01/14 09:30

Matrix: Water

Date Received: 12/01/14 10:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.50	0.18	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1221	ND		0.50	0.18	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1232	ND		0.50	0.18	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1242	ND		0.50	0.18	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1248	0.19	J	0.50	0.18	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1254	ND		0.50	0.25	ug/L		12/01/14 14:48	12/02/14 17:07	1
PCB-1260	ND		0.50	0.25	ug/L		12/01/14 14:48	12/02/14 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	46		19 - 126				12/01/14 14:48	12/02/14 17:07	1
Tetrachloro-m-xylene	90		23 - 127				12/01/14 14:48	12/02/14 17:07	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-72109-1

Client Sample ID: #2

Lab Sample ID: 480-72109-2

Date Collected: 12/01/14 09:45

Matrix: Water

Date Received: 12/01/14 10:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/10/14 13:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/10/14 13:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/10/14 13:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/10/14 13:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/10/14 13:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/10/14 13:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/10/14 13:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/10/14 13:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/10/14 13:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/10/14 13:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/10/14 13:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/10/14 13:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/10/14 13:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/10/14 13:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/10/14 13:29	1
2-Hexanone	ND		5.0	1.2	ug/L			12/10/14 13:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/10/14 13:29	1
Acetone	5.6	J	10	3.0	ug/L			12/10/14 13:29	1
Benzene	ND		1.0	0.41	ug/L			12/10/14 13:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/10/14 13:29	1
Bromoform	ND		1.0	0.26	ug/L			12/10/14 13:29	1
Bromomethane	ND		1.0	0.69	ug/L			12/10/14 13:29	1
Carbon disulfide	0.29	J *	1.0	0.19	ug/L			12/10/14 13:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/10/14 13:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/10/14 13:29	1
Chloroethane	ND		1.0	0.32	ug/L			12/10/14 13:29	1
Chloroform	ND		1.0	0.34	ug/L			12/10/14 13:29	1
Chloromethane	ND		1.0	0.35	ug/L			12/10/14 13:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/10/14 13:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/10/14 13:29	1
Cyclohexane	ND		1.0	0.18	ug/L			12/10/14 13:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/10/14 13:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/10/14 13:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/10/14 13:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/10/14 13:29	1
Methyl acetate	ND		2.5	0.50	ug/L			12/10/14 13:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/10/14 13:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/10/14 13:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/10/14 13:29	1
Styrene	ND		1.0	0.73	ug/L			12/10/14 13:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/10/14 13:29	1
Toluene	ND		1.0	0.51	ug/L			12/10/14 13:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/10/14 13:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/10/14 13:29	1
Trichloroethene	ND		1.0	0.46	ug/L			12/10/14 13:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/10/14 13:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/10/14 13:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/10/14 13:29	1

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.

Project/Site: NYSDEC - 5565 River Rd. Site# 915239

TestAmerica Job ID: 480-72109-1

Client Sample ID: #2

Date Collected: 12/01/14 09:45

Date Received: 12/01/14 10:40

Lab Sample ID: 480-72109-2

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	107		66 - 137
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	104		71 - 126

Prepared	Analyzed	Dil Fac
	12/10/14 13:29	1
	12/10/14 13:29	1
	12/10/14 13:29	1

TestAmerica Buffalo

Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd. Site# 915239

TestAmerica Job ID: 480-72109-1

Client Sample ID: #1

Date Collected: 12/01/14 09:30

Date Received: 12/01/14 10:40

Lab Sample ID: 480-72109-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total//NA	Prep	3510C			216607	12/01/14 14:48	CPH	TAL BUF
Total//NA	Analysis	8082A		1	216740	12/02/14 17:07	DLE	TAL BUF

Client Sample ID: #2

Date Collected: 12/01/14 09:45

Date Received: 12/01/14 10:40

Lab Sample ID: 480-72109-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total//NA	Analysis	8260C		1	218242	12/10/14 13:29	CXM	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Certification Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-72109-1

Project/Site: NYSDEC - 5565 River Rd: Site# 915239

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

1

2

3

4

7

8

9

Method Summary

Client: New York State D.E.C

TestAmerica Job ID: 480-72109-1

Project/Site: NYSDEC - 5565 River Rd. Site# 915239

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-72109-1

Project/Site: NYSDEC - 5565 River Rd: Site# 915239

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-72109-1	#1	Water	12/01/14 09:30	12/01/14 10:40
480-72109-2	#2	Water	12/01/14 09:45	12/01/14 10:40

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Temperature on Receipt _____

Drinking Water? Yes ☒ No ☐

Client NYS DEC Region #9		Project Manager Helen May		Date 12-1-14		Chain of Custody Number 277502											
Address 270 Michigan Ave.		Telephone Number (Area Code)/Fax Number 716-851-7220		Lab Number 8014-292		Page 1 of 1											
City Buffalo	State NY	Zip Code 14203	Site Contact H. May	Lab Contact	Analysis (Attach list if more space is needed)												
Project Name and Location (State) 5566 River Rd. Tonawanda, NY			Carrier/Waybill Number		Special Instructions/ Conditions of Receipt												
Contract/Purchase Order/Quote No. FD900458			Matrix														
Sample I.D. No. and Description (Containers for each sample may be combined on one line)			Date	Time	Air	Aqueous	Sed	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	NiOH	PCB's	DT. VOLUMES
#1			12-1-14	0930		X				✓						1	✓
#2			12-1-14	0945		X						✓				2	✓
Copy of report to:																	
lsloft@nrcc.com																	
2014-292																	

Page 13 of 14

12/12/2014

Possible Hazard Identification

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ *Return To Client* ☐ *Disposal By Lab*

Archive For

Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required

☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other Standard

QC Requirements (Specify)

1. Relinquished By

Date 12-1-14 Time 10:40

1. Received By _____

2. Relinquished By,

Date _____ Time _____

2. Received by

3. Relinquished By

<i>Date</i>	<i>Time</i>
-------------	-------------

3 Received By

Comments

2 2.

DISTRIBUTION: *WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy*

10

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-72109-1

Login Number: 72109

List Source: TestAmerica Buffalo

List Number: 1

Creator: Robison, Zachary J

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	NYS DEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-67949-1

Client Project/Site: NYSDEC - 5565 River Rd: Site# 915239

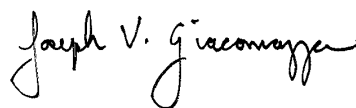
For:

New York State D.E.C.

270 Michigan Avenue

Buffalo, New York 14203

Attn: Mr. Glenn May



Authorized for release by:

10/10/2014 12:31:24 PM

Joe Giacomazza, Project Management Assistant II

joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

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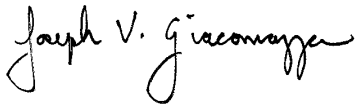
www.testamericainc.com

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

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

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

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Joe Giacomazza
Project Management Assistant II
10/10/2014 12:31:24 PM



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Definitions/Glossary

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Job ID: 480-67949-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-67949-1

Receipt

The samples were received on 9/24/2014 11:20 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch recovered above the upper control limit for 2-Hexanone, Vinyl Chloride, Chloromethane, 4-Methyl-2-Pentanone, Trichlorofluoromethane, and 2-Butanone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-206003/9).

Method(s) 8260C: The laboratory control sample (LCS) for batch 206003 recovered outside control limits for the following analyte: Chloromethane. This was not a requested spike compound; therefore, the data have been qualified and reported.

Method(s) 8260C: The following sample(s) were collected in properly preserved vials for analysis of volatile organic compounds (VOCs). However, the pH was outside the required criteria when verified by the laboratory, and corrective action was not possible: BFC ROLLOFF (480-67949-1).

Method(s) 8260C: The following volatiles sample(s) was diluted due to foaming at the time of purging during the original sample analysis: BFC ROLLOFF (480-67949-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

Method(s) 8082A: The following sample was diluted to bring the concentration of target analytes within the calibration range: BFC ROLLOFF (480-67949-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: BFC ROLLOFF

Lab Sample ID: 480-67949-1

Date Collected: 09/22/14 00:00

Matrix: Water

Date Received: 09/24/14 11:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	4.1		4.0	3.3	ug/L			10/04/14 05:12	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			10/04/14 05:12	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			10/04/14 05:12	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			10/04/14 05:12	4
1,1-Dichloroethane	8.1		4.0	1.5	ug/L			10/04/14 05:12	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			10/04/14 05:12	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			10/04/14 05:12	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			10/04/14 05:12	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			10/04/14 05:12	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			10/04/14 05:12	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			10/04/14 05:12	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			10/04/14 05:12	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			10/04/14 05:12	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			10/04/14 05:12	4
2-Butanone (MEK)	ND		40	5.3	ug/L			10/04/14 05:12	4
2-Hexanone	ND		20	5.0	ug/L			10/04/14 05:12	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			10/04/14 05:12	4
Acetone	ND		40	12	ug/L			10/04/14 05:12	4
Benzene	ND		4.0	1.6	ug/L			10/04/14 05:12	4
Bromodichloromethane	ND		4.0	1.6	ug/L			10/04/14 05:12	4
Bromoform	ND		4.0	1.0	ug/L			10/04/14 05:12	4
Bromomethane	ND		4.0	2.8	ug/L			10/04/14 05:12	4
Carbon disulfide	ND		4.0	0.76	ug/L			10/04/14 05:12	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			10/04/14 05:12	4
Chlorobenzene	ND		4.0	3.0	ug/L			10/04/14 05:12	4
Chloroethane	ND		4.0	1.3	ug/L			10/04/14 05:12	4
Chloroform	ND		4.0	1.4	ug/L			10/04/14 05:12	4
Chloromethane	ND	*	4.0	1.4	ug/L			10/04/14 05:12	4
cis-1,2-Dichloroethene	5.1		4.0	3.2	ug/L			10/04/14 05:12	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			10/04/14 05:12	4
Cyclohexane	ND		4.0	0.72	ug/L			10/04/14 05:12	4
Dibromochloromethane	ND		4.0	1.3	ug/L			10/04/14 05:12	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			10/04/14 05:12	4
Ethylbenzene	ND		4.0	3.0	ug/L			10/04/14 05:12	4
Isopropylbenzene	ND		4.0	3.2	ug/L			10/04/14 05:12	4
Methyl acetate	ND		10	2.0	ug/L			10/04/14 05:12	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			10/04/14 05:12	4
Methylcyclohexane	ND		4.0	0.64	ug/L			10/04/14 05:12	4
Methylene Chloride	ND		4.0	1.8	ug/L			10/04/14 05:12	4
Styrene	ND		4.0	2.9	ug/L			10/04/14 05:12	4
Tetrachloroethene	ND		4.0	1.4	ug/L			10/04/14 05:12	4
Toluene	ND		4.0	2.0	ug/L			10/04/14 05:12	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			10/04/14 05:12	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			10/04/14 05:12	4
Trichloroethene	2.4 J		4.0	1.8	ug/L			10/04/14 05:12	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			10/04/14 05:12	4
Vinyl chloride	ND		4.0	3.6	ug/L			10/04/14 05:12	4
Xylenes, Total	ND		8.0	2.6	ug/L			10/04/14 05:12	4

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: BFC ROLLOFF

Lab Sample ID: 480-67949-1

Date Collected: 09/22/14 00:00

Matrix: Water

Date Received: 09/24/14 11:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	116		66 - 137		10/04/14 05:12	4
4-Bromofluorobenzene (Surr)	101		73 - 120		10/04/14 05:12	4
Toluene-d8 (Surr)	109		71 - 126		10/04/14 05:12	4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		20	7.0	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1221	ND		20	7.0	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1232	ND		20	7.0	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1242	ND		20	7.0	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1248	160		20	7.0	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1254	ND		20	10	ug/L		09/25/14 09:06	09/26/14 05:12	40
PCB-1260	ND		20	10	ug/L		09/25/14 09:06	09/26/14 05:12	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	54		19 - 126	09/25/14 09:06	09/26/14 05:12	40
DCB Decachlorobiphenyl	53		19 - 126	09/25/14 09:06	09/26/14 05:12	40
Tetrachloro-m-xylene	89		23 - 127	09/25/14 09:06	09/26/14 05:12	40
Tetrachloro-m-xylene	704	X	23 - 127	09/25/14 09:06	09/26/14 05:12	40

TestAmerica Buffalo

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: SB1160-SIDE

Lab Sample ID: 480-67949-2

Date Collected: 09/22/14 00:00

Matrix: Wipe

Date Received: 09/24/14 11:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1221	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1232	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1242	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1248	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1254	0.40	J	1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1
PCB-1260	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	94		57 - 173	09/25/14 07:43	09/25/14 23:24	1
Tetrachloro-m-xylene	109		57 - 173	09/25/14 07:43	09/25/14 23:24	1
DCB Decachlorobiphenyl	96		59 - 171	09/25/14 07:43	09/25/14 23:24	1
DCB Decachlorobiphenyl	93		59 - 171	09/25/14 07:43	09/25/14 23:24	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: SB1160-B

Lab Sample ID: 480-67949-3

Date Collected: 09/22/14 00:00

Matrix: Wipe

Date Received: 09/24/14 11:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1221	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1232	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1242	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1248	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1254	0.42	J	1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1
PCB-1260	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	87		57 - 173	09/25/14 07:43	09/25/14 23:40	1
Tetrachloro-m-xylene	97		57 - 173	09/25/14 07:43	09/25/14 23:40	1
DCB Decachlorobiphenyl	90		59 - 171	09/25/14 07:43	09/25/14 23:40	1
DCB Decachlorobiphenyl	89		59 - 171	09/25/14 07:43	09/25/14 23:40	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: SB1159-SIDE

Lab Sample ID: 480-67949-4

Date Collected: 09/22/14 00:00

Matrix: Wipe

Date Received: 09/24/14 11:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1221	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1232	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1242	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1248	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1254	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1
PCB-1260	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/25/14 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	93		57 - 173	09/25/14 07:43	09/25/14 23:56	1
Tetrachloro-m-xylene	106		57 - 173	09/25/14 07:43	09/25/14 23:56	1
DCB Decachlorobiphenyl	92		59 - 171	09/25/14 07:43	09/25/14 23:56	1
DCB Decachlorobiphenyl	90		59 - 171	09/25/14 07:43	09/25/14 23:56	1

Client Sample Results

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: SB1159-B

Lab Sample ID: 480-67949-5

Date Collected: 09/22/14 00:00

Matrix: Wipe

Date Received: 09/24/14 11:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1221	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1232	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1242	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1248	ND		1.0	0.18	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1254	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1
PCB-1260	ND		1.0	0.25	ug/Wipe		09/25/14 07:43	09/26/14 00:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		57 - 173	09/25/14 07:43	09/26/14 00:12	1
Tetrachloro-m-xylene	96		57 - 173	09/25/14 07:43	09/26/14 00:12	1
DCB Decachlorobiphenyl	89		59 - 171	09/25/14 07:43	09/26/14 00:12	1
DCB Decachlorobiphenyl	87		59 - 171	09/25/14 07:43	09/26/14 00:12	1

Lab Chronicle

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Client Sample ID: BFC ROLLOFF

Date Collected: 09/22/14 00:00

Date Received: 09/24/14 11:20

Lab Sample ID: 480-67949-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	206003	10/04/14 05:12	EDB	TAL BUF
Total/NA	Prep	3510C			204292	09/25/14 09:06	TRG	TAL BUF
Total/NA	Analysis	8082A		40	204256	09/26/14 05:12	DLE	TAL BUF

Client Sample ID: SB1160-SIDE

Date Collected: 09/22/14 00:00

Date Received: 09/24/14 11:20

Lab Sample ID: 480-67949-2

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			204268	09/25/14 07:43	JLS	TAL BUF
Total/NA	Analysis	8082A		1	204256	09/25/14 23:24	DLE	TAL BUF

Client Sample ID: SB1160-B

Date Collected: 09/22/14 00:00

Date Received: 09/24/14 11:20

Lab Sample ID: 480-67949-3

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			204268	09/25/14 07:43	JLS	TAL BUF
Total/NA	Analysis	8082A		1	204256	09/25/14 23:40	DLE	TAL BUF

Client Sample ID: SB1159-SIDE

Date Collected: 09/22/14 00:00

Date Received: 09/24/14 11:20

Lab Sample ID: 480-67949-4

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			204268	09/25/14 07:43	JLS	TAL BUF
Total/NA	Analysis	8082A		1	204256	09/25/14 23:56	DLE	TAL BUF

Client Sample ID: SB1159-B

Date Collected: 09/22/14 00:00

Date Received: 09/24/14 11:20

Lab Sample ID: 480-67949-5

Matrix: Wipe

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			204268	09/25/14 07:43	JLS	TAL BUF
Total/NA	Analysis	8082A		1	204256	09/26/14 00:12	DLE	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

TestAmerica Buffalo

Certification Summary

Client: New York State D.E.C.
Project/Site: NYSDEC - 5565 River Rd: Site# 915239

TestAmerica Job ID: 480-67949-1

Laboratory: TestAmerica Buffalo

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
New York	NELAP	2	10026	03-31-15

Method Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-67949-1

Project/Site: NYSDEC - 5565 River Rd: Site# 915239

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF

Protocol References:

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

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: New York State D.E.C.

TestAmerica Job ID: 480-67949-1

Project/Site: NYSDEC - 5565 River Rd: Site# 915239

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-67949-1	BFC ROLLOFF	Water	09/22/14 00:00	09/24/14 11:20
480-67949-2	SB1160-SIDE	Wipe	09/22/14 00:00	09/24/14 11:20
480-67949-3	SB1160-B	Wipe	09/22/14 00:00	09/24/14 11:20
480-67949-4	SB1159-SIDE	Wipe	09/22/14 00:00	09/24/14 11:20
480-67949-5	SB1159-B	Wipe	09/22/14 00:00	09/24/14 11:20

**Chain of
Custody Re**



480-67949 Chain of Custody

Temperature on Receipt _____

Drinking Water? Yes ☐ No ☐

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TAL-4124 (1007)

Client Mys Dec Reg # 9			Project Manager Gena May			Date 9-23-14			Chain of Custody Number 219989		
Address 270 Michigan Ave			Telephone Number (Area Code)/Fax Number 716-851-7220			Lab Number 2014-236			Page 1 of 1		
City Buffalo	State Ny	Zip Code 14203	Site Contact G. May			Lab Contact			Analysis (Attach list if more space is needed)		
Project Name and Location (State) 5565 River Rd Tona, Ny			Carrier/Waybill Number FD900458								
Contract/Purchase Order/Quote No.			Matrix			Containers & Preservatives			Special Instructions/ Conditions of Receipt		

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Air	Aqueous	Sed.	Soil	W	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Volatiles	PCBs
BFC rolloff	9/22/14			X				X			2			X	X
SB 1160 - Side	L						X							X	
SB 1160 - B						X								X	
SB 1159 - Side						X								X	
SB 1159 - B						X								X	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown
 Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required
☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____
 QC Requirements (Specify)

1. Relinquished By [Signature]	Date 9/24/14	Time 11:20	1. Received By [Signature]	Date 9/24/14	Time 11:20
2. Relinquished By	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

2 38

DISTRIBUTION: WHITE - Returned to Client with Report; CANARY - Stays with the Sample; PINK - Field Copy

Login Sample Receipt Checklist

Client: New York State D.E.C.

Job Number: 480-67949-1

Login Number: 67949

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
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	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	DEC
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	