



Weston Solutions, Inc.  
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West Chester, Pennsylvania 19380  
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www.westonsolutions.com

*The Trusted Integrator for Sustainable Solutions*

March 6, 2012

Mr. Brian Sadowski  
Division of Environmental Remediation  
New York State Department of Environmental Conservation  
270 Michigan Avenue  
Buffalo, New York 14203-2999

W.O. No. 02181.086.017

Re: Periodic Review Report (February 14, 2011 to February 14, 2012)  
and IC/EC Certification  
3M Tonawanda, New York Facility  
Order on Consent # B9-0369-91-04, Site Code #915148

Dear Mr. Sadowski:

In accordance with the referenced Order on Consent (Order) and at 3M's direction, we are submitting the periodic review report for the 3M Tonawanda, NY facility for the period extending from February 14, 2011 to February 14, 2012.

We also have enclosed the completed Institutional and Engineering Controls Certification Form for this site.

Should you have any comments or questions, please contact me at 610-701-3677.

Very truly yours,

WESTON SOLUTIONS, INC.

Thomas A. Drew, P.G.  
Principal Project Manager

c: J. Pettinelli, 3M (w/ enclosure)  
K. Held, 3M (w/ enclosure)  
G. May, NYSDEC (w/enclosure)





Enclosure 2  
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**  
**Site Management Periodic Review Report Notice**  
**Institutional and Engineering Controls Certification Form**



Site No.	Site Details	Box 1	
<b>915148</b>			
<b>Site Name 3M O-Cel-O Sponge Plant</b>			
Site Address: 305 SAWYER AVENUE      Zip Code: 14150			
City/Town: Tonawanda			
County: Erie			
Site Acreage: 1.0			
Reporting Period: February 14, 2011 to February 14, 2012			
		YES	NO
1.	Is the information above correct?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If NO, include handwritten above or on a separate sheet.			
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.</b>			
5.	Is the site currently undergoing development?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7.	Are all ICs/ECs in place and functioning as designed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and  
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

**Description of Institutional Controls**ParcelOwnerInstitutional Control**65.09-6-5**

Minnesota Mining &amp; Manufacturing

Landuse Restriction  
Monitoring Plan**Description of Engineering Controls**ParcelEngineering Control**65.09-6-5**

Fencing/Access Control

**Engineering Control Details for Site No. 915148****Parcel: 65.09-6-5**

A No Further Action Record of Decision (ROD) was issued for this site in March 1999. A Declaration of Covenants and Restrictions was placed on the property on March 21, 2001 prohibiting the residential use of the site. The graded area surrounding the catch basins are maintained and inspected annually. Groundwater monitoring is also conducted to confirm that site conditions remain unchanged and to detect any future migration of CS2, should it occur. The site is fenced.

**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and  
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

**A Corrective Measures Work Plan must be submitted along with this form to address these issues.**

\_\_\_\_\_  
Signature of Owner, Remedial Party or Designated Representative

\_\_\_\_\_  
Date

IC CERTIFICATIONS  
SITE NO. 915148

Box 6

**SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE**

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Douglas Lane at 305 SAWYER AVE, TONAWANDA, NY 14150  
print name print business address

am certifying as PLANT MANAGER (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Douglas Lane  
Signature of Owner, Remedial Party, or Designated Representative  
Rendering Certification

2/29/12  
Date

## IC/EC CERTIFICATIONS


Box 7

### Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Thomas A. Drew at 1400 Weston Way, West Chester, PA 19380,  
print name print business address

am certifying as a Qualified Environmental Professional for the Owner  
(Owner or Remedial Party)

  
\_\_\_\_\_  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

\_\_\_\_\_  
Stamp  
(Required for PE)

3/6/12  
Date

## **PERIODIC REVIEW REPORT**

**Site Name and Location:** 3M Facility, Tonawanda, New York

**Registry Number:** 915148

**Order on Consent:** B9-0369-91-04

**3M Project Contacts:** Justin Pettinelli (3M Corporate)  
Keith Held (3M Tonawanda)

**NYSDEC Project Lead:** Glenn May

**Reporting Period:** February 14, 2011 to February 14, 2012

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### **Background**

The New York State Department of Environmental Conservation (NYSDEC) issued a Record of Decision (ROD) (Registry No. 915148) for the 3M facility in Tonawanda, New York. This ROD presents the selected remedial action for the Tonawanda facility based on the site's Administrative Record and public input. Following ROD issuance, the NYSDEC reclassified the 3M Tonawanda site from "Class 3 – Does not present a significant threat to the public health or environment – action may be deferred", to "Class 4 – Site properly closed – requires continued management."

3M is implementing the selected ROD remedy, No Further Action with Monitoring, under an Order on Consent (Index # B9-0369-91-04) (Order) according to the NYSDEC-approved Operation and Maintenance Work Plan (O&M Work Plan), which was made part of the Order. The original O&M Work Plan called for:

- Filing a Declaration of Covenants and Restrictions with the property deed at the Erie County Clerk's Office. This was completed and was reported in the initial progress report for the period ending March 31, 2001.
- Performing long-term groundwater monitoring. Involved semiannual sampling of site monitor wells MW-1, MW-2, MW-3, and MW-4 and annual sampling of the two site lysimeters, LY-1 and LY-2, with groundwater samples analyzed for carbon disulfide (CS<sub>2</sub>).
- Inspecting the completed interim remedial measures (IRMs) (includes the CS<sub>2</sub> tank system, and the catch basin and associated swale) and maintaining the integrity of the IRMs.

Semiannual periodic review reports have been submitted by 3M to NYSDEC and these reports summarize project activities that occurred in the previous reporting periods. In

August 2005, the Five-Year Evaluation Report was submitted by 3M to NYSDEC and this report concluded that the selected remedy has been effective in meeting remediation goals outlined in the 1999 ROD and remains protective of human health and the environment. The aforementioned evaluation report also contained a recommended future course of action for the facility, including reductions in groundwater monitoring and reporting under the Order/O&M Plan.

By letter of May 18, 2006, NYSDEC provided comment on the Five-Year Evaluation Report. Based on the presence of CS<sub>2</sub> in the subsurface environment, NYSDEC required continued monitoring at this facility, but required only one site monitoring well (MW-4) and one site lysimeter (LY-2) be monitored for CS<sub>2</sub> on a semiannual basis and annual basis, respectively. According to the May 2006 NYSDEC correspondence, reporting on the maintenance of the drainage swale and associated catch basins would continue under the Order/O&M Plan; however, reporting on the continued operations, maintenance and inspection of the existing CS<sub>2</sub> tank system could be completed by 3M under NYSDEC's Chemical Bulk Storage Program.

This periodic review report reflects the O&M monitoring and reporting modifications agreed upon with NYSDEC. Sampling of the reduced monitoring network under the modified O&M Plan was completed in June 2011 and November 2011. The results from these sampling events are presented herein, along with a description of any maintenance activity conducted in the swale.

### **Summary of Activities Performed During the Reporting Period**

The following is a summary of activities performed by 3M during the reporting period:

- Groundwater samples for CS<sub>2</sub> analysis were collected from monitoring well MW-4 (primary sample and duplicate sample) and lysimeter LY-02 on June 6, 2011 in accordance with the O&M Plan modifications approved by NYSDEC. Laboratory analytical results from the June 6, 2011 sampling event are provided in this report. Photographs of a site groundwater monitoring well and lysimeter are provided in Attachment A.
- Groundwater samples for CS<sub>2</sub> analysis were collected from monitoring well MW-4 (primary sample and duplicate sample) on November 21, 2011 pursuant to the O&M Plan modifications. The sampling results from the November 21, 2011 event are provided in this report.
- No maintenance activity was conducted in the subject drainage swale during the reporting period. Vegetation and grading in this swale are in good condition. Photographs showing the condition of the drainage swale and catch basin are provided in Attachment A.
- The annual compliance inspection/evaluation was completed on November 21, 2011. No deficiencies were noted during the inspection.



## **Groundwater Monitoring Results**

### **Summary of Carbon Disulfide Water Analytical Results (mg/L)**

<b>Sampling Date</b>	<b>Sample ID and Result</b>		
	<b>MW-4</b>	<b>MW-4 Duplicate</b>	<b>LY-02</b>
<b>6/6/2011</b>	<b>ND</b>	<b>ND</b>	<b>560</b>
<b>11/21/2011</b>	<b>ND</b>	<b>ND</b>	<b>NS</b>

Notes: ND - Not detected above the reporting limit. The reporting limit for CS<sub>2</sub> is 5 µg/L for MW-4, and 40 mg/L for LY-02 due to sample dilution at lab.

NS: Not sampled per approved plan.

As noted above, CS<sub>2</sub> was not detected above the reporting limit in the groundwater samples (primary and duplicate samples) collected from monitoring well MW-4 in June and November 2011. CS<sub>2</sub> was detected at a concentration of 560 mg/L in the pore water sample collected from lysimeter LY-02. This finding is generally consistent with previous sample results. A copy of the analytical data packages for the June and November 2011 sampling events is provided in Attachment B.



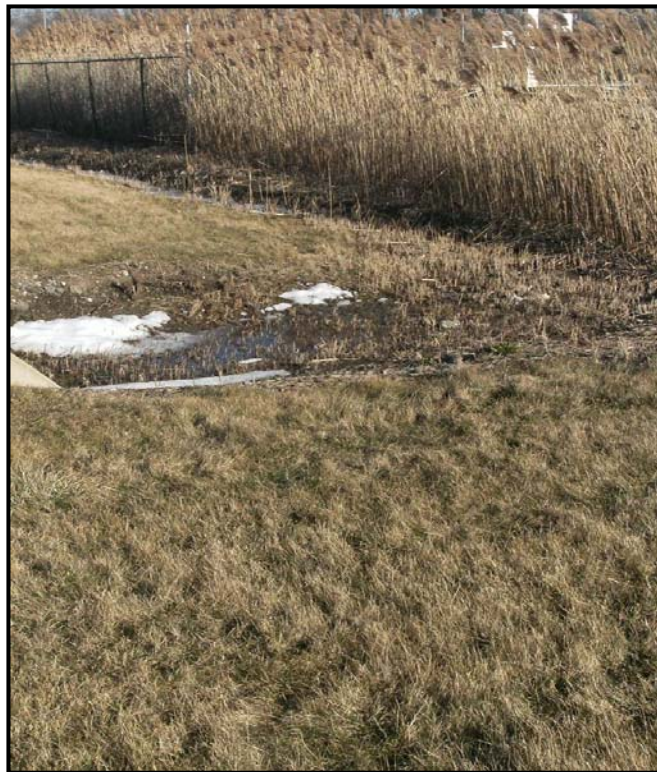
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**ATTACHMENT A**  
**SITE PHOTOGRAPHS**

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**CATCH BASIN / SWALE**



**DRAINAGE COLLECTION**



**GROUNDWATER MONITORING WELL**



**LYSIMETER**



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**ATTACHMENT B**  
**LABORATORY ANALYTICAL PACKAGE**  
**JUNE AND NOVEMBER 2011 SAMPLING EVENTS**

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## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-5745-1

Client Project/Site: 3M Tonawanda

Sampling Event: 3M Tonawanda, NY - Semi-Annual Monit.

For:

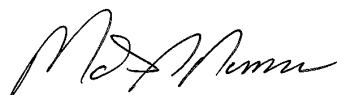
Weston Solutions, Inc.

1400 Weston Way

PO BOX 2653

West Chester, Pennsylvania 19380

Attn: Mr. Tom Drew



Authorized for release by:

06/20/2011 03:54:20 PM

Mark Nemec

Customer Service Manager

[mark.nemec@testamericainc.com](mailto:mark.nemec@testamericainc.com)

### LINKS

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[www.testamericainc.com](http://www.testamericainc.com)

Results relate only to the items tested and the sample(s) as received by the laboratory. The test results in this report meet all 2003 NELAC requirements for accredited parameters, exceptions are noted in this report. Pursuant to NELAC, 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.

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## Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

### 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.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.



## Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

**Job ID: 480-5745-1**

**Laboratory: TestAmerica Buffalo**

### Narrative

**Job Narrative**  
**480-5745-1**

### Comments

No additional comments.

### Receipt

All samples were received in good condition within temperature requirements.

### GC/MS VOA

Method(s) 8260B: The following sample was diluted due to the abundance of target analytes: LY-02 (480-5745-4). Elevated reporting limits (RLs) are provided.

No other analytical or quality issues were noted.

## Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

**Client Sample ID: FB-MW-04**

**Lab Sample ID: 480-5745-1**

No Detections.

**Client Sample ID: MW-04**

**Lab Sample ID: 480-5745-2**

No Detections.

**Client Sample ID: MW-04 DUP**

**Lab Sample ID: 480-5745-3**

No Detections.

**Client Sample ID: LY-02**

**Lab Sample ID: 480-5745-4**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	560000		40000	1500	ug/L	8000		8260B	Total/NA

**Client Sample ID: Trip Blank**

**Lab Sample ID: 480-5745-5**

No Detections.

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

## Client Sample ID: FB-MW-04

Date Collected: 06/06/11 08:50

Date Received: 06/06/11 10:20

Lab Sample ID: 480-5745-1

Matrix: Monitor Well

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			06/11/11 10:58	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		66 - 137					06/11/11 10:58	1
Toluene-d8 (Surr)	100		71 - 126					06/11/11 10:58	1
4-Bromofluorobenzene (Surr)	99		73 - 120					06/11/11 10:58	1

## Client Sample ID: MW-04

Date Collected: 06/06/11 09:45

Date Received: 06/06/11 10:20

Lab Sample ID: 480-5745-2

Matrix: Monitor Well

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			06/11/11 11:20	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	125		66 - 137					06/11/11 11:20	1
Toluene-d8 (Surr)	100		71 - 126					06/11/11 11:20	1
4-Bromofluorobenzene (Surr)	97		73 - 120					06/11/11 11:20	1

## Client Sample ID: MW-04 DUP

Date Collected: 06/06/11 09:45

Date Received: 06/06/11 10:20

Lab Sample ID: 480-5745-3

Matrix: Monitor Well

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			06/11/11 11:42	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	126		66 - 137					06/11/11 11:42	1
Toluene-d8 (Surr)	100		71 - 126					06/11/11 11:42	1
4-Bromofluorobenzene (Surr)	98		73 - 120					06/11/11 11:42	1

## Client Sample ID: LY-02

Date Collected: 06/06/11 10:00

Date Received: 06/06/11 10:20

Lab Sample ID: 480-5745-4

Matrix: Monitor Well

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	560000		40000	1500	ug/L			06/11/11 12:05	8000
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	126		66 - 137					06/11/11 12:05	8000
Toluene-d8 (Surr)	102		71 - 126					06/11/11 12:05	8000
4-Bromofluorobenzene (Surr)	98		73 - 120					06/11/11 12:05	8000

TestAmerica Buffalo

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

**Client Sample ID: Trip Blank**

**Lab Sample ID: 480-5745-5**

**Date Collected: 06/06/11 08:00**

**Matrix: Water**

**Date Received: 06/06/11 10:20**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			06/11/11 12:27	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	128		66 - 137		06/11/11 12:27	1
Toluene-d8 (Surr)	102		71 - 126		06/11/11 12:27	1
4-Bromofluorobenzene (Surr)	98		73 - 120		06/11/11 12:27	1

## Surrogate Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

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

Matrix: Monitor Well

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-5745-1	FB-MW-04	125	100	99
480-5745-2	MW-04	125	100	97
480-5745-3	MW-04 DUP	126	100	98
480-5745-4	LY-02	126	102	98

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-5745-5	Trip Blank	128	102	98
LCS 480-19614/3	Lab Control Sample	124	101	100
MB 480-19614/4	Method Blank	124	102	97

#### Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

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

Lab Sample ID: MB 480-19614/4

Matrix: Water

Analysis Batch: 19614

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			06/11/11 10:35	1
Surrogate	MB % Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	124		66 - 137					06/11/11 10:35	1
Toluene-d8 (Surr)	102		71 - 126					06/11/11 10:35	1
4-Bromofluorobenzene (Surr)	97		73 - 120					06/11/11 10:35	1

Lab Sample ID: LCS 480-19614/3

Matrix: Water

Analysis Batch: 19614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS % Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	124		66 - 137
Toluene-d8 (Surr)	101		71 - 126
4-Bromofluorobenzene (Surr)	100		73 - 120

## QC Association Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

### GC/MS VOA

#### Analysis Batch: 19614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-19614/3	Lab Control Sample	Total/NA	Water	8260B	
MB 480-19614/4	Method Blank	Total/NA	Water	8260B	
480-5745-1	FB-MW-04	Total/NA	Monitor Well	8260B	
480-5745-2	MW-04	Total/NA	Monitor Well	8260B	
480-5745-3	MW-04 DUP	Total/NA	Monitor Well	8260B	
480-5745-4	LY-02	Total/NA	Monitor Well	8260B	
480-5745-5	Trip Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

## Client Sample ID: FB-MW-04

Date Collected: 06/06/11 08:50

Date Received: 06/06/11 10:20

## Lab Sample ID: 480-5745-1

Matrix: Monitor Well

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	19614	06/11/11 10:58	TRB	TAL BUF

## Client Sample ID: MW-04

Date Collected: 06/06/11 09:45

Date Received: 06/06/11 10:20

## Lab Sample ID: 480-5745-2

Matrix: Monitor Well

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	19614	06/11/11 11:20	TRB	TAL BUF

## Client Sample ID: MW-04 DUP

Date Collected: 06/06/11 09:45

Date Received: 06/06/11 10:20

## Lab Sample ID: 480-5745-3

Matrix: Monitor Well

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	19614	06/11/11 11:42	TRB	TAL BUF

## Client Sample ID: LY-02

Date Collected: 06/06/11 10:00

Date Received: 06/06/11 10:20

## Lab Sample ID: 480-5745-4

Matrix: Monitor Well

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		8000	19614	06/11/11 12:05	TRB	TAL BUF

## Client Sample ID: Trip Blank

Date Collected: 06/06/11 08:00

Date Received: 06/06/11 10:20

## Lab Sample ID: 480-5745-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	19614	06/11/11 12:27	TRB	TAL BUF

### Laboratory References:

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



# Certification Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Buffalo	Arkansas	State Program	6	88-0686
TestAmerica Buffalo	California	NELAC	9	1169CA
TestAmerica Buffalo	Connecticut	State Program	1	PH-0568
TestAmerica Buffalo	Florida	NELAC	4	E87672
TestAmerica Buffalo	Georgia	Georgia EPD	4	N/A
TestAmerica Buffalo	Georgia	State Program	4	956
TestAmerica Buffalo	Illinois	NELAC	5	100325 / 200003
TestAmerica Buffalo	Iowa	State Program	7	374
TestAmerica Buffalo	Kansas	NELAC	7	E-10187
TestAmerica Buffalo	Kentucky	Kentucky UST	4	30
TestAmerica Buffalo	Kentucky	State Program	4	90029
TestAmerica Buffalo	Louisiana	NELAC	6	02031
TestAmerica Buffalo	Maine	State Program	1	NY0044
TestAmerica Buffalo	Maryland	State Program	3	294
TestAmerica Buffalo	Massachusetts	State Program	1	M-NY044
TestAmerica Buffalo	Michigan	State Program	5	9937
TestAmerica Buffalo	Minnesota	NELAC	5	036-999-337
TestAmerica Buffalo	New Hampshire	NELAC	1	68-00281
TestAmerica Buffalo	New Hampshire	NELAC	1	2337
TestAmerica Buffalo	New Jersey	NELAC	2	NY455
TestAmerica Buffalo	New York	NELAC	2	10026
TestAmerica Buffalo	North Dakota	State Program	8	R-176
TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	West Virginia	West Virginia DEP	3	252
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

## Method Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	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: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-5745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-5745-1	FB-MW-04	Monitor Well	06/06/11 08:50	06/06/11 10:20
480-5745-2	MW-04	Monitor Well	06/06/11 09:45	06/06/11 10:20
480-5745-3	MW-04 DUP	Monitor Well	06/06/11 09:45	06/06/11 10:20
480-5745-4	LY-02	Monitor Well	06/06/11 10:00	06/06/11 10:20
480-5745-5	Trip Blank	Water	06/06/11 08:00	06/06/11 10:20

# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Temperature on Receipt

Drinking Water? Yes ☐ No ☐

## Chain of Custody Record

TAL-4124 (1007)

Client: Western Project Manager: Tom Drew Date: 6/6/11 Chain of Custody Number: 161160

Address: 1410 Western Way Telephone Number (Area Code)/Fax Number: 610.701.3702 Lab Number: 161160

City: W Chester State: PA Zip Code: 19380 Site Contact: Greg Flisvick Lab Contact: Mark Nemer

Project Name and Location (State): 3rd Towerwarda Carrier/Vehicle Number: 853

Contract/Purchase Order/Quote No.:

Analysis (Attach list if more space is needed)

Special Instructions/Conditions of Receipt

Containers & Preservatives

Matrix

Containers & Preservatives

Matrix

Date

Time

Sample I.D. No. and Description (Containers for each sample may be contained on one line)

EB-MW-04

MW-04

MW-04 Dup

LY-02

Top Blank

Containers & Preservatives

Matrix

Date

Time

Sample I.D. No. and Description (Containers for each sample may be contained on one line)

EB-MW-04

MW-04

MW-04 Dup

LY-02

Top Blank

Containers & Preservatives

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MW-04

MW-04 Dup

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MW-04

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MW-04 Dup

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Matrix

Date

Time

Sample I.D. No. and Description (Containers for each sample may be contained on one line)

EB-MW-04

MW-04

MW-04 Dup

LY-02

Top Blank

## Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 480-5745-1

Login Number: 5745

List Source: TestAmerica Buffalo

List Number: 1

Creator: Rabb, Mike

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	weston
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	

# 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: 480-13037-1

Client Project/Site: 3M Tonawanda

Sampling Event: 3M Tonawanda, NY - Semi-Annual Monit.

For:

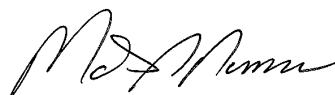
Weston Solutions, Inc.

1400 Weston Way

PO BOX 2653

West Chester, Pennsylvania 19380

Attn: Mr. Tom Drew



Authorized for release by:

12/5/2011 6:10:42 PM

Mark Nemec

Customer Service Manager

[mark.nemec@testamericainc.com](mailto:mark.nemec@testamericainc.com)

### LINKS

Review your project  
results through

TotalAccess

Have a Question?



Visit us at:

[www.testamericainc.com](http://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.*

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## Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

### 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.

### Glossary

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



## Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

**Job ID: 480-13037-1**

**Laboratory: TestAmerica Buffalo**

### Narrative

**Job Narrative**  
**480-13037-1**

### Comments

No additional comments.

### Receipt

All samples were received in good condition within temperature requirements.

### GC/MS VOA

No analytical or quality issues were noted.

## Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

### Client Sample ID: FB-MW-04

Lab Sample ID: 480-13037-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	1.4	J	5.0	0.19	ug/L	1		8260B	Total/NA

### Client Sample ID: MW-04

Lab Sample ID: 480-13037-2

No Detections

### Client Sample ID: MW-04 DUP

Lab Sample ID: 480-13037-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.63	J	5.0	0.19	ug/L	1		8260B	Total/NA

### Client Sample ID: Trip Blank

Lab Sample ID: 480-13037-4

No Detections

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

**Client Sample ID: FB-MW-04**

**Date Collected: 11/21/11 11:00**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-1**

**Matrix: Monitor Well**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	1.4	J	5.0	0.19	ug/L			12/02/11 14:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137					12/02/11 14:56	1
Toluene-d8 (Surr)	102		71 - 126					12/02/11 14:56	1
4-Bromofluorobenzene (Surr)	91		73 - 120					12/02/11 14:56	1

**Client Sample ID: MW-04**

**Date Collected: 11/21/11 12:20**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-2**

**Matrix: Monitor Well**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/11 15:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137					12/02/11 15:18	1
Toluene-d8 (Surr)	100		71 - 126					12/02/11 15:18	1
4-Bromofluorobenzene (Surr)	91		73 - 120					12/02/11 15:18	1

**Client Sample ID: MW-04 DUP**

**Date Collected: 11/21/11 12:20**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-3**

**Matrix: Monitor Well**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	0.63	J	5.0	0.19	ug/L			12/02/11 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		66 - 137					12/02/11 15:41	1
Toluene-d8 (Surr)	101		71 - 126					12/02/11 15:41	1
4-Bromofluorobenzene (Surr)	92		73 - 120					12/02/11 15:41	1

**Client Sample ID: Trip Blank**

**Date Collected: 11/21/11 10:30**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-4**

**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/11 16:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		66 - 137					12/02/11 16:03	1
Toluene-d8 (Surr)	102		71 - 126					12/02/11 16:03	1
4-Bromofluorobenzene (Surr)	93		73 - 120					12/02/11 16:03	1

## Surrogate Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

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

Matrix: Monitor Well

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-13037-1	FB-MW-04	102	102	91
480-13037-2	MW-04	102	100	91
480-13037-3	MW-04 DUP	101	101	92
<b>Surrogate Legend</b>				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
TOL = Toluene-d8 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (66-137)	TOL (71-126)	BFB (73-120)
480-13037-4	Trip Blank	102	102	93
LCS 480-42603/4	Lab Control Sample	95	103	96
MB 480-42603/5	Method Blank	97	101	90
<b>Surrogate Legend</b>				
12DCE = 1,2-Dichloroethane-d4 (Surr)				
TOL = Toluene-d8 (Surr)				
BFB = 4-Bromofluorobenzene (Surr)				

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

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

Lab Sample ID: MB 480-42603/5

Matrix: Water

Analysis Batch: 42603

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		5.0	0.19	ug/L			12/02/11 10:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		66 - 137		12/02/11 10:52	1
Toluene-d8 (Surr)	101		71 - 126		12/02/11 10:52	1
4-Bromofluorobenzene (Surr)	90		73 - 120		12/02/11 10:52	1

Lab Sample ID: LCS 480-42603/4

Matrix: Water

Analysis Batch: 42603

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		66 - 137
Toluene-d8 (Surr)	103		71 - 126
4-Bromofluorobenzene (Surr)	96		73 - 120

## QC Association Summary

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

### GC/MS VOA

#### Analysis Batch: 42603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-13037-1	FB-MW-04	Total/NA	Monitor Well	8260B	
480-13037-2	MW-04	Total/NA	Monitor Well	8260B	
480-13037-3	MW-04 DUP	Total/NA	Monitor Well	8260B	
480-13037-4	Trip Blank	Total/NA	Water	8260B	
LCS 480-42603/4	Lab Control Sample	Total/NA	Water	8260B	
MB 480-42603/5	Method Blank	Total/NA	Water	8260B	

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

**Client Sample ID: FB-MW-04**

**Date Collected: 11/21/11 11:00**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-1**

**Matrix: Monitor Well**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	42603	12/02/11 14:56	DC	TAL BUF

**Client Sample ID: MW-04**

**Date Collected: 11/21/11 12:20**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-2**

**Matrix: Monitor Well**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	42603	12/02/11 15:18	DC	TAL BUF

**Client Sample ID: MW-04 DUP**

**Date Collected: 11/21/11 12:20**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-3**

**Matrix: Monitor Well**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	42603	12/02/11 15:41	DC	TAL BUF

**Client Sample ID: Trip Blank**

**Date Collected: 11/21/11 10:30**

**Date Received: 11/21/11 13:00**

**Lab Sample ID: 480-13037-4**

**Matrix: Water**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	42603	12/02/11 16:03	DC	TAL BUF

## Laboratory References:

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

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TestAmerica Buffalo	New York	NELAC	2	10026
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TestAmerica Buffalo	Oklahoma	State Program	6	9421
TestAmerica Buffalo	Oregon	NELAC	10	NY200003
TestAmerica Buffalo	Pennsylvania	NELAC	3	68-00281
TestAmerica Buffalo	Tennessee	State Program	4	TN02970
TestAmerica Buffalo	Texas	NELAC	6	T104704412-08-TX
TestAmerica Buffalo	USDA	USDA		P330-08-00242
TestAmerica Buffalo	Virginia	NELAC Secondary AB	3	460185
TestAmerica Buffalo	Virginia	State Program	3	278
TestAmerica Buffalo	Washington	State Program	10	C1677
TestAmerica Buffalo	Wisconsin	State Program	5	998310390

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Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

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Project/Site: 3M Tonawanda

TestAmerica Job ID: 480-13037-1

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480-13037-2	MW-04	Monitor Well	11/21/11 12:20	11/21/11 13:00
480-13037-3	MW-04 DUP	Monitor Well	11/21/11 12:20	11/21/11 13:00
480-13037-4	Trip Blank	Water	11/21/11 10:30	11/21/11 13:00

# TestAmerica

## Chain of Custody Record

Temperature on Receipt? Yes ☐ No ☐  
Drinking Water? Yes ☐ No ☐

THE LEADER IN ENVIRONMENTAL TESTING

Client: 3M Tanawanda / Western Slope Chain of Custody Number: 228724  
Address: 1400 Western Way City: W Chester State: PA Zip Code: 19380  
Project Name and Location (State): 3M Tanawanda Project Manager: Tom Drew  
Contract/Purchase Order/Quote No.: 610.701.7302 Site Contact: 610.721.0583 Contact: MARK NEMEC  
Carroll Waybill Number: 610.701.7302 Analysis (Attach list if more space is needed):  
Special Instructions/Conditions of Receipt:

Sample I.D. No. and Description (Containers for each sample must be combined on one line)	Date	Time	Matrix				Containers & Preservatives				Special Instructions/Conditions of Receipt	
			Water	Soil	Sludge	Other	HOPE	HOPE	HOPE	HOPE		
Trip Blank	11/21/11	1030	✓									CS <sub>2</sub> Only
FB MW-04	11/21/11	1100	✓									* 5 ppb
MW-04	11/21/11	1220	✓									detection
MW-04 Dup	11/21/11	1220	✓									

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ 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 Requested: ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other STD

Received By: [Signature] Date: 11/21/11 Time: 1300  
Received By: [Signature] Date: 11/21/11 Time: 1300  
Received By: [Signature] Date: 11/21/11 Time: 1300

Comments: 4.6

## Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 480-13037-1

Login Number: 13037

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl

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.	False	
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	