TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Tel: (912)354-7858

TestAmerica Job ID: 680-113589-1
TestAmerica Sample Delivery Group: C0DE0
Client Project/Site: DAS Case R34651, SDG C0DE0

For:
Weston Solutions, Inc.
1400 Weston Way
PO BOX 2653
West Chester, Pennsylvania 19380

Attn: Ex. 4 - CBI

Ex. 4 - CBI

Authorized for release by:
6/18/2015 10:27:57 AM

Ex. 4 - CBI Project Manager II
(912)354-7858 e.3004
Ex. 4 - CBI @testamericainc.com

Preliminary Data

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: 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.

Job ID: 680-113589-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: DAS Case R34651, SDG C0DE0

Report Number: 680-113589-1

Preliminary Data

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 the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 06/17/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 3.4º C, 3.7º C and 5.4º C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples C0DE0 (680-113589-1), C0DE1 (680-113589-2), C0DE2 (680-113589-3), C0DE3 (680-113589-4), C0DE5 (680-113589-5), C0DE7 (680-113589-6) and C0DE6 (680-113589-7) were analyzed for Volatile organic Compounds (GC-MS) in accordance with EPA Method 524.2. The samples were analyzed on 06/17/2015.

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

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-113589-1	C0DE0	Drinking Water	06/16/15 09:58	06/17/15 09:31
680-113589-2	C0DE1	Drinking Water	06/16/15 12:10	06/17/15 09:31
680-113589-3	C0DE2	Drinking Water	06/16/15 09:17	06/17/15 09:31
680-113589-4	C0DE3	Drinking Water	06/16/15 10:40	06/17/15 09:31
680-113589-5	C0DE5	Drinking Water	06/16/15 10:00	06/17/15 09:31
680-113589-6	C0DE7	Drinking Water	06/16/15 10:45	06/17/15 09:31
680-113589-7	C0DE6	Drinking Water	06/16/15 00:00	06/17/15 09:31

Preliminary Data

Method Summary

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL SAV

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Preliminary Data

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Qualifiers

GC/MS VOA

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

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)

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE0

Date Collected: 06/16/15 09:58
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-1

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 12:53	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:53	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 12:53	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 12:53	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:53	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 12:53	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 12:53	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 12:53	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 12:53	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 12:53	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 12:53	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 12:53	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 12:53	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 12:53	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 12:53	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 12:53	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 12:53	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 12:53	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 12:53	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:53	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 12:53	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 12:53	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 12:53	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 12:53	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 12:53	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 12:53	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 12:53	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 12:53	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 12:53	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 12:53	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 12:53	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 12:53	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 12:53	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 12:53	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 12:53	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 12:53	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 12:53	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 12:53	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 12:53	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 12:53	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 12:53	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 12:53	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 12:53	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 12:53	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 12:53	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 12:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 12:53	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE0
Date Collected: 06/16/15 09:58
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-1
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	101		70 - 130		06/17/15 12:53	1
4-Bromofluorobenzene	100		70 - 130		06/17/15 12:53	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE1

Date Collected: 06/16/15 12:10
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-2

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 13:16	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:16	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 13:16	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 13:16	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:16	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 13:16	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 13:16	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 13:16	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 13:16	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 13:16	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 13:16	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 13:16	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 13:16	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 13:16	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 13:16	1
Tetrachloroethene	**0.0011**		0.00050	0.00018	mg/L			06/17/15 13:16	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 13:16	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 13:16	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 13:16	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:16	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 13:16	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 13:16	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 13:16	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 13:16	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 13:16	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 13:16	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 13:16	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 13:16	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 13:16	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 13:16	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 13:16	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 13:16	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 13:16	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 13:16	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 13:16	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 13:16	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 13:16	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 13:16	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 13:16	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 13:16	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 13:16	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 13:16	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 13:16	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 13:16	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 13:16	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 13:16	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE1
Date Collected: 06/16/15 12:10
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-2
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	74		70 - 130		06/17/15 13:16	1
4-Bromofluorobenzene	90		70 - 130		06/17/15 13:16	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE2

Date Collected: 06/16/15 09:17
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-3

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 13:39	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:39	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 13:39	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 13:39	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:39	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 13:39	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 13:39	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 13:39	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 13:39	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 13:39	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 13:39	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 13:39	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 13:39	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 13:39	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 13:39	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 13:39	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 13:39	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 13:39	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 13:39	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 13:39	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 13:39	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 13:39	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 13:39	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 13:39	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 13:39	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 13:39	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 13:39	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 13:39	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 13:39	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 13:39	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 13:39	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 13:39	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 13:39	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 13:39	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 13:39	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 13:39	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 13:39	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 13:39	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 13:39	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 13:39	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 13:39	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 13:39	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 13:39	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 13:39	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 13:39	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 13:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 13:39	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE2
Date Collected: 06/16/15 09:17
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-3
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	92		70 - 130		06/17/15 13:39	1
4-Bromofluorobenzene	101		70 - 130		06/17/15 13:39	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE3

Date Collected: 06/16/15 10:40
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-4

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 14:01	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:01	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 14:01	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 14:01	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:01	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 14:01	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 14:01	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 14:01	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 14:01	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 14:01	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 14:01	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 14:01	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 14:01	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 14:01	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 14:01	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 14:01	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 14:01	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 14:01	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 14:01	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:01	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 14:01	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 14:01	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 14:01	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 14:01	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 14:01	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 14:01	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 14:01	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 14:01	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 14:01	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 14:01	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 14:01	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 14:01	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 14:01	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 14:01	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 14:01	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 14:01	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 14:01	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 14:01	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 14:01	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 14:01	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 14:01	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 14:01	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 14:01	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 14:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 14:01	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 14:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 14:01	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE3
Date Collected: 06/16/15 10:40
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-4
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	79		70 - 130		06/17/15 14:01	1
4-Bromofluorobenzene	89		70 - 130		06/17/15 14:01	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE5

Date Collected: 06/16/15 10:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-5

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 14:24	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:24	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 14:24	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 14:24	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:24	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 14:24	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 14:24	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 14:24	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 14:24	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 14:24	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 14:24	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 14:24	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 14:24	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 14:24	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 14:24	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 14:24	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 14:24	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 14:24	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 14:24	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 14:24	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 14:24	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 14:24	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 14:24	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 14:24	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 14:24	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 14:24	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 14:24	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 14:24	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 14:24	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 14:24	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 14:24	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 14:24	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 14:24	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 14:24	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 14:24	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 14:24	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 14:24	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 14:24	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 14:24	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 14:24	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 14:24	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 14:24	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 14:24	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 14:24	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 14:24	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 14:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 14:24	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE5
Date Collected: 06/16/15 10:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-5
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	72		70 - 130		06/17/15 14:24	1
4-Bromofluorobenzene	87		70 - 130		06/17/15 14:24	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE7

Date Collected: 06/16/15 10:45
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-6

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 12:31	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:31	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 12:31	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 12:31	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:31	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 12:31	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 12:31	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 12:31	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 12:31	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 12:31	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 12:31	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 12:31	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 12:31	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 12:31	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 12:31	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 12:31	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 12:31	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 12:31	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 12:31	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 12:31	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 12:31	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 12:31	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 12:31	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 12:31	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 12:31	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 12:31	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 12:31	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 12:31	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 12:31	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 12:31	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 12:31	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 12:31	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 12:31	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 12:31	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 12:31	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 12:31	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 12:31	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 12:31	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 12:31	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 12:31	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 12:31	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 12:31	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 12:31	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 12:31	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 12:31	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 12:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 12:31	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE7
Date Collected: 06/16/15 10:45
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-6
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	85		70 - 130		06/17/15 12:31	1
4-Bromofluorobenzene	99		70 - 130		06/17/15 12:31	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE6

Date Collected: 06/16/15 00:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-7

Matrix: Drinking Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 15:54	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 15:54	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 15:54	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 15:54	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 15:54	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 15:54	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 15:54	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 15:54	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 15:54	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 15:54	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 15:54	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 15:54	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 15:54	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 15:54	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 15:54	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 15:54	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 15:54	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 15:54	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 15:54	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 15:54	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 15:54	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 15:54	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 15:54	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 15:54	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 15:54	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 15:54	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 15:54	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 15:54	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 15:54	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 15:54	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 15:54	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 15:54	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 15:54	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 15:54	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 15:54	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 15:54	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 15:54	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 15:54	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 15:54	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 15:54	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 15:54	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 15:54	1
Acetone	7.5	J	10	5.0	ug/L			06/17/15 15:54	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 15:54	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 15:54	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 15:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 15:54	1

Preliminary Data

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE6
Date Collected: 06/16/15 00:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-7
Matrix: Drinking Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene-d4	88		70 - 130		06/17/15 15:54	1
4-Bromofluorobenzene	96		70 - 130		06/17/15 15:54	1

Preliminary Data

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-387921/9
Matrix: Water
Analysis Batch: 387921

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00015	U	0.00050	0.00015	mg/L			06/17/15 11:30	1
1,1,2-Trichloroethane	0.00016	U	0.00050	0.00016	mg/L			06/17/15 11:30	1
1,1-Dichloroethene	0.00015	U	0.00050	0.00015	mg/L			06/17/15 11:30	1
1,2,4-Trichlorobenzene	0.00012	U	0.00050	0.00012	mg/L			06/17/15 11:30	1
1,2-Dichlorobenzene	0.00016	U	0.00050	0.00016	mg/L			06/17/15 11:30	1
1,2-Dichloroethane	0.000086	U	0.00050	0.000086	mg/L			06/17/15 11:30	1
1,2-Dichloropropane	0.000096	U	0.00050	0.000096	mg/L			06/17/15 11:30	1
1,4-Dichlorobenzene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 11:30	1
Benzene	0.000082	U	0.00050	0.000082	mg/L			06/17/15 11:30	1
Carbon tetrachloride	0.00011	U	0.00050	0.00011	mg/L			06/17/15 11:30	1
Chlorobenzene	0.00014	U	0.00050	0.00014	mg/L			06/17/15 11:30	1
cis-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 11:30	1
Ethylbenzene	0.000099	U	0.00050	0.000099	mg/L			06/17/15 11:30	1
Methylene Chloride	0.00020	U	0.00050	0.00020	mg/L			06/17/15 11:30	1
Styrene	0.000089	U	0.00050	0.000089	mg/L			06/17/15 11:30	1
Tetrachloroethene	0.00018	U	0.00050	0.00018	mg/L			06/17/15 11:30	1
Toluene	0.000086	U	0.00050	0.000086	mg/L			06/17/15 11:30	1
trans-1,2-Dichloroethene	0.000090	U	0.00050	0.000090	mg/L			06/17/15 11:30	1
Trichloroethene	0.00013	U	0.00050	0.00013	mg/L			06/17/15 11:30	1
Vinyl chloride	0.00016	U	0.00050	0.00016	mg/L			06/17/15 11:30	1
Chloroform	0.20	U	0.50	0.20	ug/L			06/17/15 11:30	1
Dichlorobromomethane	0.079	U	0.50	0.079	ug/L			06/17/15 11:30	1
Bromoform	0.17	U	0.50	0.17	ug/L			06/17/15 11:30	1
Chlorodibromomethane	0.13	U	0.50	0.13	ug/L			06/17/15 11:30	1
Chlorobromomethane	0.30	U	0.50	0.30	ug/L			06/17/15 11:30	1
Bromomethane	0.20	U	1.0	0.20	ug/L			06/17/15 11:30	1
Chloroethane	0.22	U	1.0	0.22	ug/L			06/17/15 11:30	1
Chloromethane	0.15	U	0.50	0.15	ug/L			06/17/15 11:30	1
1,2-Dibromo-3-Chloropropane	0.30	U	0.50	0.30	ug/L			06/17/15 11:30	1
Ethylene Dibromide	0.20	U	0.50	0.20	ug/L			06/17/15 11:30	1
1,3-Dichlorobenzene	0.11	U	0.50	0.11	ug/L			06/17/15 11:30	1
Dichlorodifluoromethane	0.34	U	0.50	0.34	ug/L			06/17/15 11:30	1
1,1-Dichloroethane	0.078	U	0.50	0.078	ug/L			06/17/15 11:30	1
cis-1,3-Dichloropropene	0.081	U	0.50	0.081	ug/L			06/17/15 11:30	1
trans-1,3-Dichloropropene	0.11	U	0.50	0.11	ug/L			06/17/15 11:30	1
Isopropylbenzene	0.15	U	0.50	0.15	ug/L			06/17/15 11:30	1
Methyl tert-butyl ether	0.093	U	0.50	0.093	ug/L			06/17/15 11:30	1
1,1,2,2-Tetrachloroethane	0.13	U	0.50	0.13	ug/L			06/17/15 11:30	1
1,2,3-Trichlorobenzene	0.14	U	0.50	0.14	ug/L			06/17/15 11:30	1
Trichlorofluoromethane	0.23	U	0.50	0.23	ug/L			06/17/15 11:30	1
o-Xylene	0.086	U	0.50	0.086	ug/L			06/17/15 11:30	1
m-Xylene & p-Xylene	0.15	U	0.50	0.15	ug/L			06/17/15 11:30	1
Acetone	5.0	U	10	5.0	ug/L			06/17/15 11:30	1
2-Butanone (MEK)	5.0	U	10	5.0	ug/L			06/17/15 11:30	1
4-Methyl-2-pentanone (MIBK)	5.0	U	10	5.0	ug/L			06/17/15 11:30	1
2-Hexanone	5.0	U	10	5.0	ug/L			06/17/15 11:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.15	U	0.50	0.15	ug/L			06/17/15 11:30	1

Preliminary Data

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-387921/9
Matrix: Water
Analysis Batch: 387921

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

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*94*		*70 - 130*		*06/17/15 11:30*	*1*
4-Bromofluorobenzene	*106*		*70 - 130*		*06/17/15 11:30*	*1*

Lab Sample ID: LCS 680-387921/3
Matrix: Water
Analysis Batch: 387921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0204		mg/L		102	70 - 130
1,1,2-Trichloroethane	0.0200	0.0183		mg/L		91	70 - 130
1,1-Dichloroethene	0.0200	0.0203		mg/L		101	70 - 130
1,2,4-Trichlorobenzene	0.0200	0.0211		mg/L		105	70 - 130
1,2-Dichlorobenzene	0.0200	0.0190		mg/L		95	70 - 130
1,2-Dichloroethane	0.0200	0.0178		mg/L		89	70 - 130
1,2-Dichloropropane	0.0200	0.0195		mg/L		98	70 - 130
1,4-Dichlorobenzene	0.0200	0.0198		mg/L		99	70 - 130
Benzene	0.0200	0.0196		mg/L		98	70 - 130
Carbon tetrachloride	0.0200	0.0209		mg/L		104	70 - 130
Chlorobenzene	0.0200	0.0204		mg/L		102	70 - 130
cis-1,2-Dichloroethene	0.0200	0.0197		mg/L		98	70 - 130
Ethylbenzene	0.0200	0.0220		mg/L		110	70 - 130
Methylene Chloride	0.0200	0.0184		mg/L		92	70 - 130
Styrene	0.0200	0.0217		mg/L		108	70 - 130
Tetrachloroethene	0.0200	0.0213		mg/L		106	70 - 130
Toluene	0.0200	0.0210		mg/L		105	70 - 130
trans-1,2-Dichloroethene	0.0200	0.0203		mg/L		101	70 - 130
Vinyl chloride	0.0200	0.0193		mg/L		97	70 - 130
Chloroform	20.0	18.7		ug/L		93	70 - 130
Dichlorobromomethane	20.0	19.6		ug/L		98	70 - 130
Bromoform	20.0	19.5		ug/L		97	70 - 130
Chlorodibromomethane	20.0	19.6		ug/L		98	70 - 130
Chlorobromomethane	20.0	19.5		ug/L		98	70 - 130
Bromomethane	20.0	18.8		ug/L		94	70 - 130
Chloroethane	20.0	16.1		ug/L		81	70 - 130
Chloromethane	20.0	17.4		ug/L		87	70 - 130
1,2-Dibromo-3-Chloropropane	20.0	19.1		ug/L		95	70 - 130
Ethylene Dibromide	20.0	19.3		ug/L		96	70 - 130
1,3-Dichlorobenzene	20.0	19.1		ug/L		95	70 - 130
Dichlorodifluoromethane	20.0	21.0		ug/L		105	70 - 130
1,1-Dichloroethane	20.0	19.2		ug/L		96	70 - 130
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	70 - 130
trans-1,3-Dichloropropene	20.0	21.3		ug/L		106	70 - 130
Isopropylbenzene	20.0	22.9		ug/L		115	70 - 130
Methyl tert-butyl ether	20.0	20.7		ug/L		103	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.0		ug/L		85	70 - 130
1,2,3-Trichlorobenzene	20.0	20.5		ug/L		102	70 - 130
Trichlorofluoromethane	20.0	17.9		ug/L		89	70 - 130
o-Xylene	20.0	22.3		ug/L		112	70 - 130

Preliminary Data

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-387921/3
Matrix: Water
Analysis Batch: 387921

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	20.0	22.2		ug/L		111	70 - 130
Acetone	100	84.0		ug/L		84	70 - 130
2-Butanone (MEK)	100	90.8		ug/L		91	70 - 130
4-Methyl-2-pentanone (MIBK)	100	95.6		ug/L		96	70 - 130
2-Hexanone	100	98.0		ug/L		98	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.6		ug/L		103	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*96*		*70 - 130*
4-Bromofluorobenzene	*100*		*70 - 130*

Lab Sample ID: LCSD 680-387921/4
Matrix: Water
Analysis Batch: 387921

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0197		mg/L		99	70 - 130	3	30
1,1,2-Trichloroethane	0.0200	0.0188		mg/L		94	70 - 130	3	30
1,1-Dichloroethene	0.0200	0.0195		mg/L		98	70 - 130	4	30
1,2,4-Trichlorobenzene	0.0200	0.0211		mg/L		105	70 - 130	0	30
1,2-Dichlorobenzene	0.0200	0.0187		mg/L		94	70 - 130	1	30
1,2-Dichloroethane	0.0200	0.0178		mg/L		89	70 - 130	0	30
1,2-Dichloropropane	0.0200	0.0191		mg/L		96	70 - 130	2	30
1,4-Dichlorobenzene	0.0200	0.0196		mg/L		98	70 - 130	1	30
Benzene	0.0200	0.0192		mg/L		96	70 - 130	2	30
Carbon tetrachloride	0.0200	0.0202		mg/L		101	70 - 130	3	30
Chlorobenzene	0.0200	0.0204		mg/L		102	70 - 130	0	30
cis-1,2-Dichloroethene	0.0200	0.0198		mg/L		99	70 - 130	1	30
Ethylbenzene	0.0200	0.0216		mg/L		108	70 - 130	2	30
Methylene Chloride	0.0200	0.0183		mg/L		92	70 - 130	0	30
Styrene	0.0200	0.0215		mg/L		107	70 - 130	1	30
Tetrachloroethene	0.0200	0.0201		mg/L		101	70 - 130	6	30
Toluene	0.0200	0.0207		mg/L		104	70 - 130	1	30
trans-1,2-Dichloroethene	0.0200	0.0198		mg/L		99	70 - 130	3	30
Vinyl chloride	0.0200	0.0185		mg/L		92	70 - 130	4	30
Chloroform	20.0	18.7		ug/L		93	70 - 130	0	30
Dichlorobromomethane	20.0	20.0		ug/L		100	70 - 130	2	30
Bromoform	20.0	19.9		ug/L		100	70 - 130	2	30
Chlorodibromomethane	20.0	20.1		ug/L		101	70 - 130	2	30
Chlorobromomethane	20.0	19.6		ug/L		98	70 - 130	0	30
Bromomethane	20.0	18.1		ug/L		91	70 - 130	4	30
Chloroethane	20.0	15.5		ug/L		77	70 - 130	4	30
Chloromethane	20.0	17.4		ug/L		87	70 - 130	0	30
1,2-Dibromo-3-Chloropropane	20.0	19.9		ug/L		99	70 - 130	4	30
Ethylene Dibromide	20.0	19.6		ug/L		98	70 - 130	2	30
1,3-Dichlorobenzene	20.0	18.9		ug/L		95	70 - 130	1	30
Dichlorodifluoromethane	20.0	19.7		ug/L		98	70 - 130	7	30

Preliminary Data

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-387921/4
Matrix: Water
Analysis Batch: 387921

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethane	20.0	18.8		ug/L		94	70 - 130	2	30
cis-1,3-Dichloropropene	20.0	22.0		ug/L		110	70 - 130	3	30
trans-1,3-Dichloropropene	20.0	20.5		ug/L		103	70 - 130	3	30
Isopropylbenzene	20.0	22.3		ug/L		111	70 - 130	3	30
Methyl tert-butyl ether	20.0	21.0		ug/L		105	70 - 130	2	30
1,1,2,2-Tetrachloroethane	20.0	17.7		ug/L		89	70 - 130	4	30
1,2,3-Trichlorobenzene	20.0	20.9		ug/L		104	70 - 130	2	30
Trichlorofluoromethane	20.0	17.0		ug/L		85	70 - 130	5	30
o-Xylene	20.0	22.1		ug/L		111	70 - 130	1	30
m-Xylene & p-Xylene	20.0	21.7		ug/L		109	70 - 130	2	30
Acetone	100	85.6		ug/L		86	70 - 130	2	30
2-Butanone (MEK)	100	98.6		ug/L		99	70 - 130	8	30
4-Methyl-2-pentanone (MIBK)	100	100		ug/L		100	70 - 130	5	30
2-Hexanone	100	101		ug/L		101	70 - 130	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.1		ug/L		100	70 - 130	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*97*		*70 - 130*
4-Bromofluorobenzene	*99*		*70 - 130*

Preliminary Data

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

GC/MS VOA

Analysis Batch: 387921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-113589-1	C0DE0	Total/NA	Drinking Water	524.2	
680-113589-2	C0DE1	Total/NA	Drinking Water	524.2	
680-113589-3	C0DE2	Total/NA	Drinking Water	524.2	
680-113589-4	C0DE3	Total/NA	Drinking Water	524.2	
680-113589-5	C0DE5	Total/NA	Drinking Water	524.2	
680-113589-6	C0DE7	Total/NA	Drinking Water	524.2	
680-113589-7	C0DE6	Total/NA	Drinking Water	524.2	
LCS 680-387921/3	Lab Control Sample	Total/NA	Water	524.2	
LCSD 680-387921/4	Lab Control Sample Dup	Total/NA	Water	524.2	
MB 680-387921/9	Method Blank	Total/NA	Water	524.2	

Preliminary Data

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE0
Date Collected: 06/16/15 09:58
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-1
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 12:53	JLK	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: C0DE1
Date Collected: 06/16/15 12:10
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-2
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 13:16	JLK	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: C0DE2
Date Collected: 06/16/15 09:17
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-3
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 13:39	JLK	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: C0DE3
Date Collected: 06/16/15 10:40
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-4
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 14:01	JLK	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: C0DE5
Date Collected: 06/16/15 10:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-5
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 14:24	JLK	TAL SAV
	Instrument ID: CMSU									

Client Sample ID: C0DE7
Date Collected: 06/16/15 10:45
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-6
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 12:31	JLK	TAL SAV
	Instrument ID: CMSU									

Preliminary Data

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Client Sample ID: C0DE6
Date Collected: 06/16/15 00:00
Date Received: 06/17/15 09:31

Lab Sample ID: 680-113589-7
Matrix: Drinking Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	5 mL	5 mL	387921	06/17/15 15:54	JLK	TAL SAV
	Instrument ID: CMSU									

Laboratory References:
TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Preliminary Data

680-113589

USEPA CLP COC (LAB COPY)

DateShipped: 6/16/2015
CarrierName: FedEx
AirbillNo: 7738 4641 6112

CHAIN OF CUSTODY RECORD

DAS #: R34651
Cooler #: 1 of 2

No: 3-061615-132724-0001

Lab: TestAmerica Laboratories, Inc. - Edison
Lab Contact: Sheila Hoffman
Lab Phone: 912-354-7858

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MCFR-061615-RW-001	C0DE0	Potable Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1000 (4 C), 1006 (H2SO4 pH<2), 1007 (H2SO4 pH<2), 1008 (H2SO4 pH<2) (4)	001	06/16/2015 09:58	
MCFR-061615-RW-002	C0DE1	Potable Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1009 (4 C), 1015 (H2SO4 pH<2), 1016 (H2SO4 pH<2), 1017 (H2SO4 pH<2) (4)	002	06/16/2015 12:10	
MCFR-061615-RW-003	C0DE2	Potable Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1018 (4 C), 1024 (H2SO4 pH<2), 1025 (H2SO4 pH<2), 1026 (H2SO4 pH<2) (4)	003	06/16/2015 09:17	
MCFR-061615-RW-004	C0DE3	Potable Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1027 (4 C), 1033 (H2SO4 pH<2), 1034 (H2SO4 pH<2), 1035 (H2SO4 pH<2) (4)	004	06/16/2015 10:40	
MCFR-061615-RS-001	C0DE5	Surface Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1045 (4 C), 1051 (H2SO4 pH<2), 1052 (H2SO4 pH<2), 1053 (H2SO4 pH<2) (4)	001	06/16/2015 10:00	
MCFR-061615-RW-104	C0DE7	Potable Water/ START (M. Ewald)	Grab	NNS(24 hours), TOC(24 hours)	1063 (4 C), 1069 (H2SO4 pH<2), 1070 (H2SO4 pH<2), 1071 (H2SO4 pH<2) (4)	004	06/16/2015 10:45	

Sample(s) to be used for Lab QC: MCFR-061615-RW-002 Tag 1009, MCFR-061615-RW-002 Tag 1015, MCFR-061615-RW-002 Tag 1016, MCFR-061615-RW-002 Tag 1017 - Special Instructions: 24 hour preliminary results to Gretchen Fodor & David Scerbo. Hard copy data package due in 7 calendar days. NO2/NO3/SO4 via EPA 300.0. TOC by SM5310B.

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: NNS=Nitrate/Nitrite/Sulfate, TOC=Total Organic Carbon

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples for Analyses	Matthew Ewald Weston	6/16/15 17:15	FedEx	6/16/15 1725	
" "	Fed Ex		CE via ~~FedEx~~ TEST AMERICA EDISON	6/17/15 930	

1-Day RUSH

CUSTODY SEAL INTACT

3.4/5.4 °C IR#5

Hyperlink Authority

USEPA CLP COC (LAB COPY)
DateShipped: 6/16/2015
CarrierName: FedEx
AirbillNo: 7738 4641 6568

CHAIN OF CUSTODY RECORD

DAS #: R34651
Cooler #: 2 of 2

No: 3-061615-134350-0003
Lab: TestAmerica Laboratories, Inc. - Edison
Lab Contact: Sheila Hoffman
Lab Phone: 912-354-7858

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MCFR-061615-RW-001	C0DE0	Potable Water/ START (M. Ewald)	Grab	CN(24 hours)	1001 (NaOH) (1)	001	06/16/2015 09:58	
MCFR-061615-RW-002	C0DE1	Potable Water/ START (M. Ewald)	Grab	CN(24 hours)	1010 (NaOH), 1081 (NaOH) (2)	002	06/16/2015 12:10	
MCFR-061615-RW-003	C0DE2	Potable Water/ START (M. Ewald)	Grab	CN(24 hours)	1019 (NaOH) (1)	003	06/16/2015 09:17	
MCFR-061615-RW-004	C0DE3	Potable Water/ START (M. Ewald)	Grab	CN(24 hours)	1028 (NaOH) (1)	004	06/16/2015 10:40	
MCFR-061615-RS-001	C0DE5	Surface Water/ START (M. Ewald)	Grab	CN(24 hours)	1046 (NaOH) (1)	001	06/16/2015 10:00	
MCFR-061615-RW-104	C0DE7	Potable Water/ START (M. Ewald)	Grab	CN(24 hours)	1064 (NaOH) (1)	004	06/16/2015 10:45	

Sample(s) to be used for Lab QC: MCFR-061615-RW-002 Tag 1081 - Special Instructions: 24 hour preliminary results to Gretchen Fodor & David Scerbo. Hard copy data package due in 7 calendar days. Cyanide by SM4500-CN-C/E.

Shipment for Case Complete? N
Samples Transferred From Chain of Custody #

Analysis Key: CN=Cyanide

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples for Analyses	Matt Ewald Weston	6/16/15 17:15	FedEx	6/16/15 17:15	
" "	FedEx		CE Eric Via FedEx TEST AMERICA EDISON	6-17-15	

1-Day RUSH

CUSTODY SEAL INTACT

1.4 | 3.4 °C IR#5

Expedited Authorized

6/18/2015

USEPA CLP COC (LAB COPY)

DateShipped: 6/16/2015
CarrierName: FedEx
AirbillNo: 7738 4623 1047

CHAIN OF CUSTODY RECORD

DAS #: R34651
Cooler #: 1 of 1

No: 3-061615-133739-0002

Lab: TestAmerica Laboratories, Inc - Savannah, GA
Lab Contact: Sheila Hoffman
Lab Phone: 912-354-7858

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
MCFR-061615-RW-001	C0DE0	Potable Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1002 (HNO3 pH<2), 1003 (HCl), 1004 (HCl), 1005 (HCl) (4)	001	06/16/2015 09:58	
MCFR-061615-RW-002	C0DE1	Potable Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1011 (HNO3 pH<2), 1012 (HCl), 1013 (HCl), 1014 (HCl), 1082 (HNO3 pH<2) (5)	002	06/16/2015 12:10	
MCFR-061615-RW-003	C0DE2	Potable Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1020 (HNO3 pH<2), 1021 (HCl), 1022 (HCl), 1023 (HCl) (4)	003	06/16/2015 09:17	
MCFR-061615-RW-004	C0DE3	Potable Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1029 (HNO3 pH<2), 1030 (HCl), 1031 (HCl), 1032 (HCl) (4)	004	06/16/2015 10:40	
MCFR-061615-RS-001	C0DE5	Surface Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1047 (HNO3 pH<2), 1048 (HCl), 1049 (HCl), 1050 (HCl) (4)	001	06/16/2015 10:00	
MCFR-061615-TB-001	C0DE6	Blank/ START (M. Ewald)	Grab	VOC(24 hours)	1057 (HCl), 1058 (HCl), 1059 (HCl) (3)	TB	06/16/2015 09:00	
MCFR-061615-RW-104	C0DE7	Potable Water/ START (M. Ewald)	Grab	TAL(24 hours), VOC(24 hours)	1065 (HNO3 pH<2), 1066 (HCl), 1067 (HCl), 1068 (HCl) (4)	004	06/16/2015 10:45	

Sample(s) to be used for Lab QC: MCFR-061615-RW-002 Tag 1082 - Special Instructions: 24 hour preliminary results to Gretchen Fodor & David Scerbo. Hard copy data package due in 7 calendar days. TAL Metals by 200.7 and 200.8 (no Hg). VOCs by 524.2.

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

Analysis Key: TAL=TAL Metals, VOC=VOC

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
all samples for Analyses	Matt Ewald Weston	6/16/15 17:15	Fed Ex	6/16/15 17:15	
" "	Fed Ex		[illegible] Banda	06-17-15 0931	3.2(cf)3.7°C
			~~680-113605~~ 113589 BP 6/17/15		

680-113605 Chain of Custody

Preliminary Data

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-113589-1
SDG Number: C0DE0

Login Number: 113589
List Number: 1
Creator: Daughtry, Beth A

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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?	N/A	
There are no discrepancies between the containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Preliminary Data

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-113589-1
SDG Number: C0DE0

Login Number: 113589
List Number: 2
Creator: Elvie, Cloide

List Source: TestAmerica Edison
List Creation: 06/18/15 08:50 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

Preliminary Data

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: DAS Case R34651, SDG C0DE0

TestAmerica Job ID: 680-113589-1
SDG: C0DE0

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Pennsylvania	NELAP	3	68-00474	06-30-15 *

Preliminary Data

* Certification renewal pending - certification considered valid.