

# 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: 680-77956-1

Client Project/Site: Hawthorne GW Sampling

For:

Weston Solutions, Inc.

94072 Summer Breeze Drive

Fernandina Beach, Florida 32034

Attn: Mr. Mark Taylor

Linda A. Wolfe

Authorized for release by:

4/4/2012 3:15:37 PM

Linda Wolfe

Project Manager I

[linda.wolfe@testamericainc.com](mailto:linda.wolfe@testamericainc.com)

Designee for

Abbie Yant

Project Manager I

[abbie.yant@testamericainc.com](mailto:abbie.yant@testamericainc.com)

### LINKS

Review your project  
results through

Total Access

Have a Question?

Ask  
The  
Expert

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.

# Table of Contents

Cover Page .....	1
Table of Contents .....	2
Case Narrative .....	3
Sample Summary .....	6
Method Summary .....	7
Definitions .....	8
Detection Summary .....	9
Client Sample Results .....	11
QC Sample Results .....	22
Chronicle .....	38
Chain of Custody .....	40
Certification Summary .....	41

## Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Job ID: 680-77956-1**

**Laboratory: TestAmerica Savannah**

Narrative

### CASE NARRATIVE

**Client: Weston Solutions, Inc.**

**Project: Hawthorne GW Sampling**

**Report Number: 680-77956-1**

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

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

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

#### RECEIPT

The samples were received on 03/23/2012; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 0.1 and 1.6 C.

#### VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SA-29 (680-77956-1), SA-30 (680-77956-2), SA-33 (680-77956-3) and Trip Blank (680-77956-8) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 04/02/2012.

Samples SA-29 (680-77956-1)[2X], SA-30 (680-77956-2)[2X] and SA-33 (680-77956-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the volatiles analyses.

All quality control parameters were within the acceptance limits.

#### SEMICVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SA-29 (680-77956-1), SA-30 (680-77956-2) and SA-33 (680-77956-3) were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 03/27/2012 and analyzed on 03/28/2012 and 03/29/2012.

A batch MS/MSD was performed on sample SA - 33(680-77956-3) in batch 680-232892. Due to the dilution required for analysis, the MS/MSD were not recovered.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples SA-29 (680-77956-1)[10X], SA-30 (680-77956-2)[10X] and SA-33 (680-77956-3)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

## Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

### **Job ID: 680-77956-1 (Continued)**

#### **Laboratory: TestAmerica Savannah (Continued)**

##### **DISSOLVED METALS (ICP)**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2), SA-33 (680-77956-3), ITW-7 (680-77956-5) and ITW-6 (680-77956-7) were analyzed for dissolved metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 03/27/2012 and analyzed on 03/29/2012.

It was noted that the results for the metals detected in the dissolved sample SA-29 (680-77956-1) were equal or slightly higher than the metals detected in the associated total sample. The laboratory confirmed the results are correct as reported for the received containers.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

##### **TOTAL RECOVERABLE METALS (ICP)**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2) and SA-33 (680-77956-3) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010B. The samples were prepared on 03/27/2012 and analyzed on 03/29/2012.

No difficulties were encountered during the metals analyses.

All quality control parameters were within the acceptance limits.

##### **ALKALINITY**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2) and SA-33 (680-77956-3) were analyzed for alkalinity in accordance with SM 2320B. The samples were analyzed on 03/24/2012.

No difficulties were encountered during the alkalinity analyses.

All quality control parameters were within the acceptance limits.

##### **ANIONS BY IC**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2), SA-33 (680-77956-3) and ITW-8 (680-77956-6) were analyzed for Anions by IC in accordance with EPA Method 300.0. The samples were analyzed on 03/23/2012.

Samples SA-29 (680-77956-1)[5X], SA-30 (680-77956-2)[5X], SA-33 (680-77956-3)[5X] and ITW-8 (680-77956-6)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Anions analyses.

All quality control parameters were within the acceptance limits.

##### **ANIONS (NITRATE/NITRITE)**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2) and SA-33 (680-77956-3) were analyzed for Anions (Nitrate/Nitrite) in accordance with EPA Method 300.0. The samples were analyzed on 03/23/2012.

Samples SA-29 (680-77956-1)[5X], SA-30 (680-77956-2)[5X] and SA-33 (680-77956-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the Anions analyses.

All quality control parameters were within the acceptance limits.

##### **CHEMICAL OXYGEN DEMAND**

Samples SA-29 (680-77956-1), SA-30 (680-77956-2), SA-33 (680-77956-3) and ITW-11 (680-77956-4) were analyzed for chemical oxygen demand in accordance with EPA Method 410.4. The samples were analyzed on 03/26/2012.

## Case Narrative

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

### Job ID: 680-77956-1 (Continued)

#### Laboratory: TestAmerica Savannah (Continued)

No difficulties were encountered during the COD analyses.

All quality control parameters were within the acceptance limits.

## Sample Summary

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-77956-1	SA-29	Water	03/22/12 09:45	03/23/12 09:27
680-77956-2	SA-30	Water	03/22/12 11:30	03/23/12 09:27
680-77956-3	SA-33	Water	03/21/12 15:45	03/23/12 09:27
680-77956-4	ITW-11	Water	03/22/12 14:15	03/23/12 09:27
680-77956-5	ITW-7	Water	03/22/12 15:15	03/23/12 09:27
680-77956-6	ITW-8	Water	03/22/12 16:50	03/23/12 09:27
680-77956-7	ITW-6	Water	03/22/12 16:00	03/23/12 09:27
680-77956-8	Trip Blank	Water	03/21/12 00:00	03/23/12 09:27

## Method Summary

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
6010B	Metals (ICP)	SW846	TAL SAV
300.0	Anions, Ion Chromatography	MCAWW	TAL SAV
410.4	COD	MCAWW	TAL SAV
SM 2320B	Alkalinity	SM	TAL SAV

### Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater",

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

### Laboratory References:

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

## Definitions/Glossary

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

### Qualifiers

#### GC/MS Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
F	MS or MSD exceeds the control limits

### Glossary

#### Abbreviation These commonly used abbreviations may or may not be present in this report.

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

# Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Client Sample ID: SA-29

## Lab Sample ID: 680-77956-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	78		50		ug/L	2		8260B	Total/NA
Benzene	8.2		2.0		ug/L	2		8260B	Total/NA
2-Butanone (MEK)	44		20		ug/L	2		8260B	Total/NA
Ethylbenzene	46		2.0		ug/L	2		8260B	Total/NA
Toluene	350		2.0		ug/L	2		8260B	Total/NA
Xylenes, Total	75		4.0		ug/L	2		8260B	Total/NA
3 & 4 Methylphenol	470		98		ug/L	10		8270C	Total/NA
Aluminum	270		200		ug/L	1		6010B	Total Recovera
Calcium	2000		500		ug/L	1		6010B	Total Recovera
Iron	1400		50		ug/L	1		6010B	Total Recovera
Magnesium	610		500		ug/L	1		6010B	Total Recovera
Manganese	11		10		ug/L	1		6010B	Total Recovera
Sodium	2000		1000		ug/L	1		6010B	Total Recovera
Calcium, Dissolved	2300		500		ug/L	1		6010B	Dissolved
Iron, Dissolved	1400		50		ug/L	1		6010B	Dissolved
Magnesium, Dissolved	740		500		ug/L	1		6010B	Dissolved
Manganese, Dissolved	11		10		ug/L	1		6010B	Dissolved
Sodium, Dissolved	2200		1000		ug/L	1		6010B	Dissolved
Chemical Oxygen Demand	230		20		mg/L	1		410.4	Total/NA

## Client Sample ID: SA-30

## Lab Sample ID: 680-77956-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	270		50		ug/L	2		8260B	Total/NA
Toluene	2.3		2.0		ug/L	2		8260B	Total/NA
Xylenes, Total	4.3		4.0		ug/L	2		8260B	Total/NA
Aluminum	5100		200		ug/L	1		6010B	Total Recovera
Calcium	19000		500		ug/L	1		6010B	Total Recovera
Iron	4600		50		ug/L	1		6010B	Total Recovera
Magnesium	2300		500		ug/L	1		6010B	Total Recovera
Manganese	65		10		ug/L	1		6010B	Total Recovera
Potassium	2600		1000		ug/L	1		6010B	Total Recovera
Sodium	6600		1000		ug/L	1		6010B	Total Recovera
Aluminum, Dissolved	500		200		ug/L	1		6010B	Dissolved
Calcium, Dissolved	18000		500		ug/L	1		6010B	Dissolved
Iron, Dissolved	3100		50		ug/L	1		6010B	Dissolved
Magnesium, Dissolved	2000		500		ug/L	1		6010B	Dissolved
Manganese, Dissolved	57		10		ug/L	1		6010B	Dissolved
Potassium, Dissolved	2400		1000		ug/L	1		6010B	Dissolved
Sodium, Dissolved	6500		1000		ug/L	1		6010B	Dissolved
Chemical Oxygen Demand	71		20		mg/L	1		410.4	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Alkalinity	64		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	64		5.0		mg/L	1		SM 2320B	Total/NA

## Client Sample ID: SA-33

## Lab Sample ID: 680-77956-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	370		130		ug/L	5		8260B	Total/NA
Benzene	40		5.0		ug/L	5		8260B	Total/NA
2-Butanone (MEK)	120		50		ug/L	5		8260B	Total/NA
Ethylbenzene	42		5.0		ug/L	5		8260B	Total/NA
Toluene	210		5.0		ug/L	5		8260B	Total/NA

# Detection Summary

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Client Sample ID: SA-33 (Continued)

Lab Sample ID: 680-77956-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Xylenes, Total	78		10		ug/L	5		8260B	Total/NA
Phenol	950		490		ug/L	50		8270C	Total/NA
2-Methylphenol	2400		490		ug/L	50		8270C	Total/NA
2,4-Dimethylphenol	3100		490		ug/L	50		8270C	Total/NA
Naphthalene	810		490		ug/L	50		8270C	Total/NA
3 & 4 Methylphenol	6100		490		ug/L	50		8270C	Total/NA
Aluminum	680		200		ug/L	1		6010B	Total Recovera
Calcium	2800		500		ug/L	1		6010B	Total Recovera
Chromium	16		10		ug/L	1		6010B	Total Recovera
Iron	4800		50		ug/L	1		6010B	Total Recovera
Magnesium	1200		500		ug/L	1		6010B	Total Recovera
Manganese	43		10		ug/L	1		6010B	Total Recovera
Sodium	74000		1000		ug/L	1		6010B	Total Recovera
Calcium, Dissolved	2500		500		ug/L	1		6010B	Dissolved
Iron, Dissolved	3100		50		ug/L	1		6010B	Dissolved
Magnesium, Dissolved	1100		500		ug/L	1		6010B	Dissolved
Manganese, Dissolved	36		10		ug/L	1		6010B	Dissolved
Sodium, Dissolved	72000		1000		ug/L	1		6010B	Dissolved
Chloride	14		5.0		mg/L	5		300.0	Total/NA
Chemical Oxygen Demand	510		20		mg/L	1		410.4	Total/NA
Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Alkalinity	120		5.0		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO <sub>3</sub>	120		5.0		mg/L	1		SM 2320B	Total/NA

## Client Sample ID: ITW-11

Lab Sample ID: 680-77956-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chemical Oxygen Demand	92		20		mg/L	1		410.4	Total/NA

## Client Sample ID: ITW-7

Lab Sample ID: 680-77956-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron, Dissolved	1800		50		ug/L	1		6010B	Dissolved

## Client Sample ID: ITW-8

Lab Sample ID: 680-77956-6

No Detections

## Client Sample ID: ITW-6

Lab Sample ID: 680-77956-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese, Dissolved	67		10		ug/L	1		6010B	Dissolved

## Client Sample ID: Trip Blank

Lab Sample ID: 680-77956-8

No Detections

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Client Sample ID: SA-29

Date Collected: 03/22/12 09:45  
Date Received: 03/23/12 09:27

## Lab Sample ID: 680-77956-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	78		50		ug/L		04/02/12 17:20		2
Benzene	8.2		2.0		ug/L		04/02/12 17:20		2
Bromoform	<2.0		2.0		ug/L		04/02/12 17:20		2
Bromomethane	<2.0		2.0		ug/L		04/02/12 17:20		2
2-Butanone (MEK)	44		20		ug/L		04/02/12 17:20		2
Carbon disulfide	<4.0		4.0		ug/L		04/02/12 17:20		2
Carbon tetrachloride	<2.0		2.0		ug/L		04/02/12 17:20		2
Chlorobenzene	<2.0		2.0		ug/L		04/02/12 17:20		2
Chlorodibromomethane	<2.0		2.0		ug/L		04/02/12 17:20		2
Chloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
Chloroform	<2.0		2.0		ug/L		04/02/12 17:20		2
Chloromethane	<2.0		2.0		ug/L		04/02/12 17:20		2
cis-1,3-Dichloropropene	<2.0		2.0		ug/L		04/02/12 17:20		2
Dichlorobromomethane	<2.0		2.0		ug/L		04/02/12 17:20		2
1,1-Dichloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
1,2-Dichloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
1,1-Dichloroethene	<2.0		2.0		ug/L		04/02/12 17:20		2
1,2-Dichloropropane	<2.0		2.0		ug/L		04/02/12 17:20		2
Ethylbenzene	46		2.0		ug/L		04/02/12 17:20		2
2-Hexanone	<20		20		ug/L		04/02/12 17:20		2
Methylene Chloride	<10		10		ug/L		04/02/12 17:20		2
4-Methyl-2-pentanone (MIBK)	<20		20		ug/L		04/02/12 17:20		2
Styrene	<2.0		2.0		ug/L		04/02/12 17:20		2
1,1,2,2-Tetrachloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
Tetrachloroethene	<2.0		2.0		ug/L		04/02/12 17:20		2
Toluene	350		2.0		ug/L		04/02/12 17:20		2
trans-1,2-Dichloroethene	<2.0		2.0		ug/L		04/02/12 17:20		2
trans-1,3-Dichloropropene	<2.0		2.0		ug/L		04/02/12 17:20		2
1,1,1-Trichloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
1,1,2-Trichloroethane	<2.0		2.0		ug/L		04/02/12 17:20		2
Trichloroethene	<2.0		2.0		ug/L		04/02/12 17:20		2
Vinyl chloride	<2.0		2.0		ug/L		04/02/12 17:20		2
Xylenes, Total	75		4.0		ug/L		04/02/12 17:20		2
<b>Surrogate</b>	<b>%Recovery</b>	<b>Qualifier</b>	<b>Limits</b>			<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>	
4-Bromofluorobenzene	113		70 - 130				04/02/12 17:20		2
Dibromofluoromethane	94		70 - 130				04/02/12 17:20		2
Toluene-d8 (Surr)	104		70 - 130				04/02/12 17:20		2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
Bis(2-chloroethyl)ether	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
2-Chlorophenol	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
1,3-Dichlorobenzene	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
1,4-Dichlorobenzene	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
1,2-Dichlorobenzene	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
2-Methylphenol	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
N-Nitrosodi-n-propylamine	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
Hexachloroethane	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
Nitrobenzene	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-29**

**Date Collected: 03/22/12 09:45**

**Date Received: 03/23/12 09:27**

**Lab Sample ID: 680-77956-1**

**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2-Nitrophenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4-Dimethylphenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Bis(2-chloroethoxy)methane	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4-Dichlorophenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
1,2,4-Trichlorobenzene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Naphthalene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Chloroaniline	<200		200		ug/L	03/27/12 14:52	03/28/12 17:25		10
Hexachlorobutadiene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Chloro-3-methylphenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2-Methylnaphthalene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Hexachlorocyclopentadiene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4,6-Trichlorophenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4,5-Trichlorophenol	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2-Chloronaphthalene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2-Nitroaniline	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
Dimethyl phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Acenaphthylene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
3-Nitroaniline	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
Acenaphthene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4-Dinitrophenol	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Nitrophenol	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
Dibenzofuran	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,4-Dinitrotoluene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
2,6-Dinitrotoluene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
<b>3 &amp; 4 Methylphenol</b>	<b>470</b>		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Diethyl phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Chlorophenyl phenyl ether	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Fluorene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Nitroaniline	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
4,6-Dinitro-2-methylphenol	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
N-Nitrosodiphenylamine	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
4-Bromophenyl phenyl ether	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Hexachlorobenzene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Pentachlorophenol	<490		490		ug/L	03/27/12 14:52	03/28/12 17:25		10
Phenanthrone	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Anthracene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Di-n-butyl phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Fluoranthene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Pyrene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Butyl benzyl phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
3,3'-Dichlorobenzidine	<590		590		ug/L	03/27/12 14:52	03/28/12 17:25		10
Benzo[a]anthracene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Bis(2-ethylhexyl) phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Chrysene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Di-n-octyl phthalate	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Benzo[b]fluoranthene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Benzo[k]fluoranthene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Benzo[a]pyrene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Indeno[1,2,3-cd]pyrene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10
Dibenz(a,h)anthracene	<98		98		ug/L	03/27/12 14:52	03/28/12 17:25		10

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-29**

**Lab Sample ID: 680-77956-1**

Date Collected: 03/22/12 09:45

Matrix: Water

Date Received: 03/23/12 09:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
Carbazole	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
bis(chloroisopropyl) ether	<98		98		ug/L		03/27/12 14:52	03/28/12 17:25	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Phenol-d5	0	D	25 - 130				03/27/12 14:52	03/28/12 17:25	10
2-Fluorophenol	0	D	25 - 130				03/27/12 14:52	03/28/12 17:25	10
2,4,6-Tribromophenol	0	D	31 - 141				03/27/12 14:52	03/28/12 17:25	10
Nitrobenzene-d5	0	D	39 - 130				03/27/12 14:52	03/28/12 17:25	10
2-Fluorobiphenyl	0	D	38 - 130				03/27/12 14:52	03/28/12 17:25	10
Terphenyl-d14	0	D	10 - 143				03/27/12 14:52	03/28/12 17:25	10

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>270</b>		200		ug/L		03/27/12 12:49	03/29/12 04:21	1
Antimony	<20		20		ug/L		03/27/12 12:49	03/29/12 04:21	1
Arsenic	<20		20		ug/L		03/27/12 12:49	03/29/12 04:21	1
Beryllium	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 04:21	1
Cadmium	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 04:21	1
<b>Calcium</b>	<b>2000</b>		500		ug/L		03/27/12 12:49	03/29/12 04:21	1
Chromium	<10		10		ug/L		03/27/12 12:49	03/29/12 04:21	1
<b>Iron</b>	<b>1400</b>		50		ug/L		03/27/12 12:49	03/29/12 04:21	1
Lead	<10		10		ug/L		03/27/12 12:49	03/29/12 04:21	1
<b>Magnesium</b>	<b>610</b>		500		ug/L		03/27/12 12:49	03/29/12 04:21	1
<b>Manganese</b>	<b>11</b>		10		ug/L		03/27/12 12:49	03/29/12 04:21	1
Potassium	<1000		1000		ug/L		03/27/12 12:49	03/29/12 04:21	1
<b>Sodium</b>	<b>2000</b>		1000		ug/L		03/27/12 12:49	03/29/12 04:21	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	<200		200		ug/L		03/27/12 12:49	03/29/12 04:57	1
Antimony, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 04:57	1
Arsenic, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 04:57	1
Beryllium, Dissolved	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 04:57	1
Cadmium, Dissolved	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 04:57	1
<b>Calcium, Dissolved</b>	<b>2300</b>		500		ug/L		03/27/12 12:49	03/29/12 04:57	1
Chromium, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 04:57	1
<b>Iron, Dissolved</b>	<b>1400</b>		50		ug/L		03/27/12 12:49	03/29/12 04:57	1
Lead, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 04:57	1
<b>Magnesium, Dissolved</b>	<b>740</b>		500		ug/L		03/27/12 12:49	03/29/12 04:57	1
<b>Manganese, Dissolved</b>	<b>11</b>		10		ug/L		03/27/12 12:49	03/29/12 04:57	1
Potassium, Dissolved	<1000		1000		ug/L		03/27/12 12:49	03/29/12 04:57	1
<b>Sodium, Dissolved</b>	<b>2200</b>		1000		ug/L		03/27/12 12:49	03/29/12 04:57	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0		mg/L			03/23/12 19:09	5
Nitrate as N	<0.25		0.25		mg/L			03/23/12 13:58	5
Chloride	<5.0		5.0		mg/L			03/23/12 19:09	5
Sulfate	<5.0		5.0		mg/L			03/23/12 19:09	5
<b>Chemical Oxygen Demand</b>	<b>230</b>		20		mg/L			03/26/12 14:41	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Client Sample ID: SA-29

Date Collected: 03/22/12 09:45

Date Received: 03/23/12 09:27

Lab Sample ID: 680-77956-1

Matrix: Water

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<5.0		5.0		mg/L			03/24/12 19:36	1
Bicarbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0		mg/L			03/24/12 19:36	1
Carbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0		mg/L			03/24/12 19:36	1

## Client Sample ID: SA-30

Date Collected: 03/22/12 11:30

Date Received: 03/23/12 09:27

Lab Sample ID: 680-77956-2

Matrix: Water

Method: 8260B - Volatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>270</b>		50		ug/L			04/02/12 17:48	2
Benzene	<2.0		2.0		ug/L			04/02/12 17:48	2
Bromoform	<2.0		2.0		ug/L			04/02/12 17:48	2
Bromomethane	<2.0		2.0		ug/L			04/02/12 17:48	2
2-Butanone (MEK)	<20		20		ug/L			04/02/12 17:48	2
Carbon disulfide	<4.0		4.0		ug/L			04/02/12 17:48	2
Carbon tetrachloride	<2.0		2.0		ug/L			04/02/12 17:48	2
Chlorobenzene	<2.0		2.0		ug/L			04/02/12 17:48	2
Chlorodibromomethane	<2.0		2.0		ug/L			04/02/12 17:48	2
Chloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
Chloroform	<2.0		2.0		ug/L			04/02/12 17:48	2
Chloromethane	<2.0		2.0		ug/L			04/02/12 17:48	2
cis-1,3-Dichloropropene	<2.0		2.0		ug/L			04/02/12 17:48	2
Dichlorobromomethane	<2.0		2.0		ug/L			04/02/12 17:48	2
1,1-Dichloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
1,2-Dichloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
1,1-Dichloroethene	<2.0		2.0		ug/L			04/02/12 17:48	2
1,2-Dichloropropane	<2.0		2.0		ug/L			04/02/12 17:48	2
Ethylbenzene	<2.0		2.0		ug/L			04/02/12 17:48	2
2-Hexanone	<20		20		ug/L			04/02/12 17:48	2
Methylene Chloride	<10		10		ug/L			04/02/12 17:48	2
4-Methyl-2-pentanone (MIBK)	<20		20		ug/L			04/02/12 17:48	2
Styrene	<2.0		2.0		ug/L			04/02/12 17:48	2
1,1,2,2-Tetrachloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
Tetrachloroethene	<2.0		2.0		ug/L			04/02/12 17:48	2
<b>Toluene</b>	<b>2.3</b>		2.0		ug/L			04/02/12 17:48	2
trans-1,2-Dichloroethene	<2.0		2.0		ug/L			04/02/12 17:48	2
trans-1,3-Dichloropropene	<2.0		2.0		ug/L			04/02/12 17:48	2
1,1,1-Trichloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
1,1,2-Trichloroethane	<2.0		2.0		ug/L			04/02/12 17:48	2
Trichloroethene	<2.0		2.0		ug/L			04/02/12 17:48	2
Vinyl chloride	<2.0		2.0		ug/L			04/02/12 17:48	2
<b>Xylenes, Total</b>	<b>4.3</b>		4.0		ug/L			04/02/12 17:48	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	111		70 - 130					04/02/12 17:48	2
Dibromofluoromethane	94		70 - 130					04/02/12 17:48	2
Toluene-d8 (Surr)	105		70 - 130					04/02/12 17:48	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Bis(2-chloroethyl)ether	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-30**

**Lab Sample ID: 680-77956-2**

Date Collected: 03/22/12 11:30

Matrix: Water

Date Received: 03/23/12 09:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
1,3-Dichlorobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
1,4-Dichlorobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
1,2-Dichlorobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2-Methylphenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
N-Nitrosodi-n-propylamine	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Hexachloroethane	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Nitrobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Isophorone	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2-Nitrophenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4-Dimethylphenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Bis(2-chloroethoxy)methane	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4-Dichlorophenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
1,2,4-Trichlorobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Naphthalene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Chloroaniline	<200		200		ug/L	03/27/12 14:52	03/28/12 16:56		10
Hexachlorobutadiene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Chloro-3-methylphenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2-Methylnaphthalene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Hexachlorocyclopentadiene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4,6-Trichlorophenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4,5-Trichlorophenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2-Chloronaphthalene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2-Nitroaniline	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
Dimethyl phthalate	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Acenaphthylene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
3-Nitroaniline	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
Acenaphthene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4-Dinitrophenol	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Nitrophenol	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
Dibenzofuran	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,4-Dinitrotoluene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
2,6-Dinitrotoluene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
3 & 4 Methylphenol	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Diethyl phthalate	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Chlorophenyl phenyl ether	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Fluorene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Nitroaniline	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
4,6-Dinitro-2-methylphenol	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
N-Nitrosodiphenylamine	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
4-Bromophenyl phenyl ether	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Hexachlorobenzene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Pentachlorophenol	<500		500		ug/L	03/27/12 14:52	03/28/12 16:56		10
Phenanthrene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Anthracene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Di-n-butyl phthalate	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Fluoranthene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Pyrene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
Butyl benzyl phthalate	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10
3,3'-Dichlorobenzidine	<590		590		ug/L	03/27/12 14:52	03/28/12 16:56		10
Benzo[a]anthracene	<99		99		ug/L	03/27/12 14:52	03/28/12 16:56		10

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-30**

**Lab Sample ID: 680-77956-2**

Date Collected: 03/22/12 11:30

Matrix: Water

Date Received: 03/23/12 09:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Chrysene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Di-n-octyl phthalate	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Benzo[b]fluoranthene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Benzo[k]fluoranthene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Benzo[a]pyrene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Indeno[1,2,3-cd]pyrene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Dibenz(a,h)anthracene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Benzo[g,h,i]perylene	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
Carbazole	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
bis(chloroisopropyl) ether	<99		99		ug/L		03/27/12 14:52	03/28/12 16:56	10
<hr/>									
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Phenol-d5	0	D	25 - 130				03/27/12 14:52	03/28/12 16:56	10
2-Fluorophenol	0	D	25 - 130				03/27/12 14:52	03/28/12 16:56	10
2,4,6-Tribromophenol	0	D	31 - 141				03/27/12 14:52	03/28/12 16:56	10
Nitrobenzene-d5	0	D	39 - 130				03/27/12 14:52	03/28/12 16:56	10
2-Fluorobiphenyl	0	D	38 - 130				03/27/12 14:52	03/28/12 16:56	10
Terphenyl-d14	0	D	10 - 143				03/27/12 14:52	03/28/12 16:56	10

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum</b>	<b>5100</b>		200		ug/L		03/27/12 12:49	03/29/12 04:37	1
Antimony	<20		20		ug/L		03/27/12 12:49	03/29/12 04:37	1
Arsenic	<20		20		ug/L		03/27/12 12:49	03/29/12 04:37	1
Beryllium	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 04:37	1
Cadmium	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Calcium</b>	<b>19000</b>		500		ug/L		03/27/12 12:49	03/29/12 04:37	1
Chromium	<10		10		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Iron</b>	<b>4600</b>		50		ug/L		03/27/12 12:49	03/29/12 04:37	1
Lead	<10		10		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Magnesium</b>	<b>2300</b>		500		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Manganese</b>	<b>65</b>		10		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Potassium</b>	<b>2600</b>		1000		ug/L		03/27/12 12:49	03/29/12 04:37	1
<b>Sodium</b>	<b>6600</b>		1000		ug/L		03/27/12 12:49	03/29/12 04:37	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Aluminum, Dissolved</b>	<b>500</b>		200		ug/L		03/27/12 12:49	03/29/12 05:03	1
Antimony, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 05:03	1
Arsenic, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 05:03	1
Beryllium, Dissolved	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 05:03	1
Cadmium, Dissolved	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Calcium, Dissolved</b>	<b>18000</b>		500		ug/L		03/27/12 12:49	03/29/12 05:03	1
Chromium, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Iron, Dissolved</b>	<b>3100</b>		50		ug/L		03/27/12 12:49	03/29/12 05:03	1
Lead, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Magnesium, Dissolved</b>	<b>2000</b>		500		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Manganese, Dissolved</b>	<b>57</b>		10		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Potassium, Dissolved</b>	<b>2400</b>		1000		ug/L		03/27/12 12:49	03/29/12 05:03	1
<b>Sodium, Dissolved</b>	<b>6500</b>		1000		ug/L		03/27/12 12:49	03/29/12 05:03	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Client Sample ID: SA-30

Date Collected: 03/22/12 11:30  
Date Received: 03/23/12 09:27

Lab Sample ID: 680-77956-2

Matrix: Water

### General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0		mg/L			03/23/12 19:46	5
Nitrate as N	<0.25		0.25		mg/L			03/23/12 14:44	5
Chloride	<5.0		5.0		mg/L			03/23/12 19:46	5
Sulfate	<5.0		5.0		mg/L			03/23/12 19:46	5
<b>Chemical Oxygen Demand</b>	<b>71</b>		20		mg/L			03/26/12 14:41	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Alkalinity</b>	<b>64</b>		5.0		mg/L			03/24/12 19:42	1
<b>Bicarbonate Alkalinity as CaCO<sub>3</sub></b>	<b>64</b>		5.0		mg/L			03/24/12 19:42	1
Carbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0		mg/L			03/24/12 19:42	1

## Client Sample ID: SA-33

Date Collected: 03/21/12 15:45  
Date Received: 03/23/12 09:27

Lab Sample ID: 680-77956-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Acetone</b>	<b>370</b>		130		ug/L			04/02/12 18:17	5
<b>Benzene</b>	<b>40</b>		5.0		ug/L			04/02/12 18:17	5
Bromoform	<5.0		5.0		ug/L			04/02/12 18:17	5
Bromomethane	<5.0		5.0		ug/L			04/02/12 18:17	5
<b>2-Butanone (MEK)</b>	<b>120</b>		50		ug/L			04/02/12 18:17	5
Carbon disulfide	<10		10		ug/L			04/02/12 18:17	5
Carbon tetrachloride	<5.0		5.0		ug/L			04/02/12 18:17	5
Chlorobenzene	<5.0		5.0		ug/L			04/02/12 18:17	5
Chlorodibromomethane	<5.0		5.0		ug/L			04/02/12 18:17	5
Chloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
Chloroform	<5.0		5.0		ug/L			04/02/12 18:17	5
Chloromethane	<5.0		5.0		ug/L			04/02/12 18:17	5
cis-1,3-Dichloropropene	<5.0		5.0		ug/L			04/02/12 18:17	5
Dichlorobromomethane	<5.0		5.0		ug/L			04/02/12 18:17	5
1,1-Dichloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
1,2-Dichloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
1,1-Dichloroethene	<5.0		5.0		ug/L			04/02/12 18:17	5
1,2-Dichloropropane	<5.0		5.0		ug/L			04/02/12 18:17	5
<b>Ethylbenzene</b>	<b>42</b>		5.0		ug/L			04/02/12 18:17	5
2-Hexanone	<50		50		ug/L			04/02/12 18:17	5
Methylene Chloride	<25		25		ug/L			04/02/12 18:17	5
4-Methyl-2-pentanone (MIBK)	<50		50		ug/L			04/02/12 18:17	5
Styrene	<5.0		5.0		ug/L			04/02/12 18:17	5
1,1,2,2-Tetrachloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
Tetrachloroethene	<5.0		5.0		ug/L			04/02/12 18:17	5
<b>Toluene</b>	<b>210</b>		5.0		ug/L			04/02/12 18:17	5
trans-1,2-Dichloroethene	<5.0		5.0		ug/L			04/02/12 18:17	5
trans-1,3-Dichloropropene	<5.0		5.0		ug/L			04/02/12 18:17	5
1,1,1-Trichloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
1,1,2-Trichloroethane	<5.0		5.0		ug/L			04/02/12 18:17	5
Trichloroethene	<5.0		5.0		ug/L			04/02/12 18:17	5
Vinyl chloride	<5.0		5.0		ug/L			04/02/12 18:17	5
<b>Xylenes, Total</b>	<b>78</b>		10		ug/L			04/02/12 18:17	5

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-33**

**Lab Sample ID: 680-77956-3**

**Date Collected: 03/21/12 15:45**

**Matrix: Water**

**Date Received: 03/23/12 09:27**

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	113		70 - 130		04/02/12 18:17	5
Dibromofluoromethane	98		70 - 130		04/02/12 18:17	5
Toluene-d8 (Surr)	101		70 - 130		04/02/12 18:17	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
<b>Phenol</b>	<b>950</b>		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Bis(2-chloroethyl)ether	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2-Chlorophenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
1,3-Dichlorobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
1,4-Dichlorobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
1,2-Dichlorobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
<b>2-Methylphenol</b>	<b>2400</b>		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
N-Nitrosodi-n-propylamine	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Hexachloroethane	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Nitrobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Isophorone	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2-Nitrophenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
<b>2,4-Dimethylphenol</b>	<b>3100</b>		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Bis(2-chloroethoxy)methane	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,4-Dichlorophenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
1,2,4-Trichlorobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
<b>Naphthalene</b>	<b>810</b>		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Chloroaniline	<980		980		ug/L		03/27/12 14:52	03/29/12 12:37	50
Hexachlorobutadiene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Chloro-3-methylphenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2-Methylnaphthalene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Hexachlorocyclopentadiene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,4,6-Trichlorophenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,4,5-Trichlorophenol	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2-Chloronaphthalene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2-Nitroaniline	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
Dimethyl phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Acenaphthylene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
3-Nitroaniline	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
Acenaphthene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,4-Dinitrophenol	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Nitrophenol	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
Dibenzofuran	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,4-Dinitrotoluene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
2,6-Dinitrotoluene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
<b>3 &amp; 4 Methylphenol</b>	<b>6100</b>		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Diethyl phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Chlorophenyl phenyl ether	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Fluorene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Nitroaniline	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
4,6-Dinitro-2-methylphenol	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
N-Nitrosodiphenylamine	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
4-Bromophenyl phenyl ether	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Hexachlorobenzene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Pentachlorophenol	<2500		2500		ug/L		03/27/12 14:52	03/29/12 12:37	50
Phenanthrene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-33**

**Lab Sample ID: 680-77956-3**

**Matrix: Water**

Date Collected: 03/21/12 15:45

Date Received: 03/23/12 09:27

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Di-n-butyl phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Fluoranthene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Pyrene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Butyl benzyl phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
3,3'-Dichlorobenzidine	<2900		2900		ug/L		03/27/12 14:52	03/29/12 12:37	50
Benzo[a]anthracene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Bis(2-ethylhexyl) phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Chrysene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Di-n-octyl phthalate	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Benzo[b]fluoranthene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Benzo[k]fluoranthene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Benzo[a]pyrene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Indeno[1,2,3-cd]pyrene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Dibenz(a,h)anthracene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Benzo[g,h,i]perylene	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Carbazole	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
bis(chloroisopropyl) ether	<490		490		ug/L		03/27/12 14:52	03/29/12 12:37	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Phenol-d5	0	D	25 - 130				03/27/12 14:52	03/29/12 12:37	50
2-Fluorophenol	0	D	25 - 130				03/27/12 14:52	03/29/12 12:37	50
2,4,6-Tribromophenol	0	D	31 - 141				03/27/12 14:52	03/29/12 12:37	50
Nitrobenzene-d5	0	D	39 - 130				03/27/12 14:52	03/29/12 12:37	50
2-Fluorobiphenyl	0	D	38 - 130				03/27/12 14:52	03/29/12 12:37	50
Terphenyl-d14	0	D	10 - 143				03/27/12 14:52	03/29/12 12:37	50

## Method: 6010B - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	680		200		ug/L		03/27/12 12:49	03/29/12 04:42	1
Antimony	<20		20		ug/L		03/27/12 12:49	03/29/12 04:42	1
Arsenic	<20		20		ug/L		03/27/12 12:49	03/29/12 04:42	1
Beryllium	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 04:42	1
Cadmium	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 04:42	1
Calcium	2800		500		ug/L		03/27/12 12:49	03/29/12 04:42	1
Chromium	16		10		ug/L		03/27/12 12:49	03/29/12 04:42	1
Iron	4800		50		ug/L		03/27/12 12:49	03/29/12 04:42	1
Lead	<10		10		ug/L		03/27/12 12:49	03/29/12 04:42	1
Magnesium	1200		500		ug/L		03/27/12 12:49	03/29/12 04:42	1
Manganese	43		10		ug/L		03/27/12 12:49	03/29/12 04:42	1
Potassium	<1000		1000		ug/L		03/27/12 12:49	03/29/12 04:42	1
Sodium	74000		1000		ug/L		03/27/12 12:49	03/29/12 04:42	1

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	<200		200		ug/L		03/27/12 12:49	03/29/12 05:08	1
Antimony, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 05:08	1
Arsenic, Dissolved	<20		20		ug/L		03/27/12 12:49	03/29/12 05:08	1
Beryllium, Dissolved	<4.0		4.0		ug/L		03/27/12 12:49	03/29/12 05:08	1
Cadmium, Dissolved	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 05:08	1
Calcium, Dissolved	2500		500		ug/L		03/27/12 12:49	03/29/12 05:08	1
Chromium, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 05:08	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-33**

**Lab Sample ID: 680-77956-3**

Date Collected: 03/21/12 15:45

Matrix: Water

Date Received: 03/23/12 09:27

## Method: 6010B - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	3100		50		ug/L		03/27/12 12:49	03/29/12 05:08	1
Lead, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 05:08	1
Magnesium, Dissolved	1100		500		ug/L		03/27/12 12:49	03/29/12 05:08	1
Manganese, Dissolved	36		10		ug/L		03/27/12 12:49	03/29/12 05:08	1
Potassium, Dissolved	<1000		1000		ug/L		03/27/12 12:49	03/29/12 05:08	1
Sodium, Dissolved	72000		1000		ug/L		03/27/12 12:49	03/29/12 05:08	1

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0		mg/L			03/23/12 19:58	5
Nitrate as N	<0.25		0.25		mg/L			03/23/12 14:59	5
Chloride	14		5.0		mg/L			03/23/12 19:58	5
Sulfate	<5.0		5.0		mg/L			03/23/12 19:58	5
Chemical Oxygen Demand	510		20		mg/L			03/26/12 14:41	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	120		5.0		mg/L			03/24/12 19:48	1
Bicarbonate Alkalinity as CaCO <sub>3</sub>	120		5.0		mg/L			03/24/12 19:48	1
Carbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0		mg/L			03/24/12 19:48	1

**Client Sample ID: ITW-11**

**Lab Sample ID: 680-77956-4**

Date Collected: 03/22/12 14:15

Matrix: Water

Date Received: 03/23/12 09:27

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chemical Oxygen Demand	92		20		mg/L			03/26/12 14:41	1

**Client Sample ID: ITW-7**

**Lab Sample ID: 680-77956-5**

Date Collected: 03/22/12 15:15

Matrix: Water

Date Received: 03/23/12 09:27

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron, Dissolved	1800		50		ug/L		03/27/12 12:49	03/29/12 05:13	1

**Client Sample ID: ITW-8**

**Lab Sample ID: 680-77956-6**

Date Collected: 03/22/12 16:50

Matrix: Water

Date Received: 03/23/12 09:27

## General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromide	<5.0		5.0		mg/L			03/23/12 20:11	5
Chloride	<5.0		5.0		mg/L			03/23/12 20:11	5
Sulfate	<5.0		5.0		mg/L			03/23/12 20:11	5

**Client Sample ID: ITW-6**

**Lab Sample ID: 680-77956-7**

Date Collected: 03/22/12 16:00

Matrix: Water

Date Received: 03/23/12 09:27

## Method: 6010B - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese, Dissolved	67		10		ug/L		03/27/12 12:49	03/29/12 05:18	1

# Client Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: Trip Blank**  
**Date Collected: 03/21/12 00:00**  
**Date Received: 03/23/12 09:27**

**Lab Sample ID: 680-77956-8**  
**Matrix: Water**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<25		25		ug/L		04/02/12 15:12		1
Benzene	<1.0		1.0		ug/L		04/02/12 15:12		1
Bromoform	<1.0		1.0		ug/L		04/02/12 15:12		1
Bromomethane	<1.0		1.0		ug/L		04/02/12 15:12		1
2-Butanone (MEK)	<10		10		ug/L		04/02/12 15:12		1
Carbon disulfide	<2.0		2.0		ug/L		04/02/12 15:12		1
Carbon tetrachloride	<1.0		1.0		ug/L		04/02/12 15:12		1
Chlorobenzene	<1.0		1.0		ug/L		04/02/12 15:12		1
Chlorodibromomethane	<1.0		1.0		ug/L		04/02/12 15:12		1
Chloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
Chloroform	<1.0		1.0		ug/L		04/02/12 15:12		1
Chloromethane	<1.0		1.0		ug/L		04/02/12 15:12		1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L		04/02/12 15:12		1
Dichlorobromomethane	<1.0		1.0		ug/L		04/02/12 15:12		1
1,1-Dichloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
1,2-Dichloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
1,1-Dichloroethene	<1.0		1.0		ug/L		04/02/12 15:12		1
1,2-Dichloropropane	<1.0		1.0		ug/L		04/02/12 15:12		1
Ethylbenzene	<1.0		1.0		ug/L		04/02/12 15:12		1
2-Hexanone	<10		10		ug/L		04/02/12 15:12		1
Methylene Chloride	<5.0		5.0		ug/L		04/02/12 15:12		1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L		04/02/12 15:12		1
Styrene	<1.0		1.0		ug/L		04/02/12 15:12		1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
Tetrachloroethene	<1.0		1.0		ug/L		04/02/12 15:12		1
Toluene	<1.0		1.0		ug/L		04/02/12 15:12		1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L		04/02/12 15:12		1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L		04/02/12 15:12		1
1,1,1-Trichloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
1,1,2-Trichloroethane	<1.0		1.0		ug/L		04/02/12 15:12		1
Trichloroethene	<1.0		1.0		ug/L		04/02/12 15:12		1
Vinyl chloride	<1.0		1.0		ug/L		04/02/12 15:12		1
Xylenes, Total	<2.0		2.0		ug/L		04/02/12 15:12		1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	102		70 - 130		04/02/12 15:12	1
Dibromofluoromethane	95		70 - 130		04/02/12 15:12	1
Toluene-d8 (Surr)	99		70 - 130		04/02/12 15:12	1

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID:** MB 680-233178/6

**Matrix:** Water

**Analysis Batch:** 233178

**Client Sample ID:** Method Blank

**Prep Type:** Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L			04/02/12 14:20	1
Benzene	<1.0		1.0		ug/L			04/02/12 14:20	1
Bromoform	<1.0		1.0		ug/L			04/02/12 14:20	1
Bromomethane	<1.0		1.0		ug/L			04/02/12 14:20	1
2-Butanone (MEK)	<10		10		ug/L			04/02/12 14:20	1
Carbon disulfide	<2.0		2.0		ug/L			04/02/12 14:20	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/02/12 14:20	1
Chlorobenzene	<1.0		1.0		ug/L			04/02/12 14:20	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/02/12 14:20	1
Chloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
Chloroform	<1.0		1.0		ug/L			04/02/12 14:20	1
Chloromethane	<1.0		1.0		ug/L			04/02/12 14:20	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/02/12 14:20	1
Dichlorobromomethane	<1.0		1.0		ug/L			04/02/12 14:20	1
1,1-Dichloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
1,2-Dichloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
1,1-Dichloroethene	<1.0		1.0		ug/L			04/02/12 14:20	1
1,2-Dichloropropane	<1.0		1.0		ug/L			04/02/12 14:20	1
Ethylbenzene	<1.0		1.0		ug/L			04/02/12 14:20	1
2-Hexanone	<10		10		ug/L			04/02/12 14:20	1
Methylene Chloride	<5.0		5.0		ug/L			04/02/12 14:20	1
4-Methyl-2-pentanone (MIBK)	<10		10		ug/L			04/02/12 14:20	1
Styrene	<1.0		1.0		ug/L			04/02/12 14:20	1
1,1,2,2-Tetrachloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
Tetrachloroethene	<1.0		1.0		ug/L			04/02/12 14:20	1
Toluene	<1.0		1.0		ug/L			04/02/12 14:20	1
trans-1,2-Dichloroethene	<1.0		1.0		ug/L			04/02/12 14:20	1
trans-1,3-Dichloropropene	<1.0		1.0		ug/L			04/02/12 14:20	1
1,1,1-Trichloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
1,1,2-Trichloroethane	<1.0		1.0		ug/L			04/02/12 14:20	1
Trichloroethene	<1.0		1.0		ug/L			04/02/12 14:20	1
Vinyl chloride	<1.0		1.0		ug/L			04/02/12 14:20	1
Xylenes, Total	<2.0		2.0		ug/L			04/02/12 14:20	1

### MB MB

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	107		70 - 130			1
Dibromofluoromethane	103		70 - 130			1
Toluene-d8 (Surr)	103		70 - 130			1

**Lab Sample ID:** LCS 680-233178/3

**Matrix:** Water

**Analysis Batch:** 233178

**Client Sample ID:** Lab Control Sample

**Prep Type:** Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Acetone	100	100		ug/L		100	26 - 180
Benzene	50.0	51.0		ug/L		102	70 - 130
Bromoform	50.0	52.2		ug/L		104	70 - 130
Bromomethane	50.0	67.2		ug/L		134	23 - 165
2-Butanone (MEK)	100	105		ug/L		105	49 - 172

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCS 680-233178/3**

**Matrix: Water**

**Analysis Batch: 233178**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier					
Carbon disulfide	50.0	54.6		ug/L		109	54 - 132	
Carbon tetrachloride	50.0	48.0		ug/L		96	70 - 130	
Chlorobenzene	50.0	50.2		ug/L		100	70 - 130	
Chlorodibromomethane	50.0	46.0		ug/L		92	70 - 130	
Chloroethane	50.0	46.6		ug/L		93	56 - 152	
Chloroform	50.0	51.2		ug/L		102	70 - 130	
Chloromethane	50.0	50.0		ug/L		100	70 - 130	
cis-1,2-Dichloroethene	50.0	51.5		ug/L		103	70 - 130	
cis-1,3-Dichloropropene	50.0	48.6		ug/L		97	70 - 130	
Dichlorobromomethane	50.0	46.9		ug/L		94	70 - 130	
1,1-Dichloroethane	50.0	52.1		ug/L		104	70 - 130	
1,2-Dichloroethane	50.0	50.7		ug/L		101	70 - 130	
1,1-Dichloroethene	50.0	51.8		ug/L		104	66 - 131	
1,2-Dichloropropane	50.0	51.7		ug/L		103	70 - 130	
Ethylbenzene	50.0	48.9		ug/L		98	70 - 130	
2-Hexanone	100	98.5		ug/L		99	42 - 185	
Methylene Chloride	50.0	49.6		ug/L		99	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	70 - 130	
Styrene	50.0	52.7		ug/L		105	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	52.9		ug/L		106	70 - 130	
Tetrachloroethene	50.0	51.2		ug/L		102	70 - 130	
Toluene	50.0	51.0		ug/L		102	70 - 130	
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 130	
trans-1,3-Dichloropropene	50.0	48.1		ug/L		96	70 - 130	
1,1,1-Trichloroethane	50.0	50.0		ug/L		100	70 - 130	
1,1,2-Trichloroethane	50.0	52.1		ug/L		104	70 - 130	
Trichloroethene	50.0	51.0		ug/L		102	70 - 130	
Vinyl chloride	50.0	49.2		ug/L		98	67 - 134	
Xylenes, Total	150	148		ug/L		99	70 - 130	

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane	106		70 - 130
Toluene-d8 (Surr)	103		70 - 130

**Lab Sample ID: LCSD 680-233178/4**

**Matrix: Water**

**Analysis Batch: 233178**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier						
Acetone	100	99.1		ug/L		99	26 - 180	1	50
Benzene	50.0	48.5		ug/L		97	70 - 130	5	30
Bromoform	50.0	50.5		ug/L		101	70 - 130	3	30
Bromomethane	50.0	55.9		ug/L		112	23 - 165	18	50
2-Butanone (MEK)	100	102		ug/L		102	49 - 172	3	30
Carbon disulfide	50.0	52.0		ug/L		104	54 - 132	5	30
Carbon tetrachloride	50.0	46.8		ug/L		94	70 - 130	2	30
Chlorobenzene	50.0	48.8		ug/L		98	70 - 130	3	30
Chlorodibromomethane	50.0	44.4		ug/L		89	70 - 130	4	50

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCSD 680-233178/4**

**Matrix: Water**

**Analysis Batch: 233178**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	%Rec.		RPD	RPD	Limit
	Added	Result	Qualifier				Limits	RPD			
Chloroethane	50.0	46.9		ug/L	94	56 - 152	1	40			
Chloroform	50.0	50.1		ug/L	100	70 - 130	2	30			
Chloromethane	50.0	47.0		ug/L	94	70 - 130	6	30			
cis-1,2-Dichloroethene	50.0	50.6		ug/L	101	70 - 130	2	30			
cis-1,3-Dichloropropene	50.0	45.7		ug/L	91	70 - 130	6	30			
Dichlorobromomethane	50.0	45.1		ug/L	90	70 - 130	4	30			
1,1-Dichloroethane	50.0	50.2		ug/L	100	70 - 130	4	30			
1,2-Dichloroethane	50.0	48.7		ug/L	97	70 - 130	4	30			
1,1-Dichloroethene	50.0	50.2		ug/L	100	66 - 131	3	30			
1,2-Dichloropropane	50.0	50.3		ug/L	101	70 - 130	3	30			
Ethylbenzene	50.0	48.1		ug/L	96	70 - 130	2	30			
2-Hexanone	100	95.0		ug/L	95	42 - 185	4	30			
Methylene Chloride	50.0	48.0		ug/L	96	67 - 130	3	30			
4-Methyl-2-pentanone (MIBK)	100	104		ug/L	104	70 - 130	4	30			
Styrene	50.0	51.4		ug/L	103	70 - 130	3	30			
1,1,2,2-Tetrachloroethane	50.0	51.3		ug/L	103	70 - 130	3	30			
Tetrachloroethene	50.0	49.7		ug/L	99	70 - 130	3	30			
Toluene	50.0	48.5		ug/L	97	70 - 130	5	30			
trans-1,2-Dichloroethene	50.0	48.5		ug/L	97	70 - 130	3	30			
trans-1,3-Dichloropropene	50.0	45.9		ug/L	92	70 - 130	5	50			
1,1,1-Trichloroethane	50.0	47.4		ug/L	95	70 - 130	5	30			
1,1,2-Trichloroethane	50.0	50.1		ug/L	100	70 - 130	4	30			
Trichloroethene	50.0	49.0		ug/L	98	70 - 130	4	30			
Vinyl chloride	50.0	47.7		ug/L	95	67 - 134	3	30			
Xylenes, Total	150	144		ug/L	96	70 - 130	3	30			

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8 (Surf)	98		70 - 130

**Lab Sample ID: MB 680-233196/5**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	<25		25		ug/L			04/02/12 14:34	1
Benzene	<1.0		1.0		ug/L			04/02/12 14:34	1
Bromoform	<1.0		1.0		ug/L			04/02/12 14:34	1
Bromomethane	<1.0		1.0		ug/L			04/02/12 14:34	1
2-Butanone (MEK)	<10		10		ug/L			04/02/12 14:34	1
Carbon disulfide	<2.0		2.0		ug/L			04/02/12 14:34	1
Carbon tetrachloride	<1.0		1.0		ug/L			04/02/12 14:34	1
Chlorobenzene	<1.0		1.0		ug/L			04/02/12 14:34	1
Chlorodibromomethane	<1.0		1.0		ug/L			04/02/12 14:34	1
Chloroethane	<1.0		1.0		ug/L			04/02/12 14:34	1
Chloroform	<1.0		1.0		ug/L			04/02/12 14:34	1
Chloromethane	<1.0		1.0		ug/L			04/02/12 14:34	1
cis-1,3-Dichloropropene	<1.0		1.0		ug/L			04/02/12 14:34	1

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: MB 680-233196/5**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Dichlorobromomethane	<1.0				1.0		ug/L			04/02/12 14:34	1
1,1-Dichloroethane	<1.0				1.0		ug/L			04/02/12 14:34	1
1,2-Dichloroethane	<1.0				1.0		ug/L			04/02/12 14:34	1
1,1-Dichloroethene	<1.0				1.0		ug/L			04/02/12 14:34	1
1,2-Dichloropropane	<1.0				1.0		ug/L			04/02/12 14:34	1
Ethylbenzene	<1.0				1.0		ug/L			04/02/12 14:34	1
2-Hexanone	<10				10		ug/L			04/02/12 14:34	1
Methylene Chloride	<5.0				5.0		ug/L			04/02/12 14:34	1
4-Methyl-2-pentanone (MIBK)	<10				10		ug/L			04/02/12 14:34	1
Styrene	<1.0				1.0		ug/L			04/02/12 14:34	1
1,1,2,2-Tetrachloroethane	<1.0				1.0		ug/L			04/02/12 14:34	1
Tetrachloroethene	<1.0				1.0		ug/L			04/02/12 14:34	1
Toluene	<1.0				1.0		ug/L			04/02/12 14:34	1
trans-1,2-Dichloroethene	<1.0				1.0		ug/L			04/02/12 14:34	1
trans-1,3-Dichloropropene	<1.0				1.0		ug/L			04/02/12 14:34	1
1,1,1-Trichloroethane	<1.0				1.0		ug/L			04/02/12 14:34	1
1,1,2-Trichloroethane	<1.0				1.0		ug/L			04/02/12 14:34	1
Trichloroethene	<1.0				1.0		ug/L			04/02/12 14:34	1
Vinyl chloride	<1.0				1.0		ug/L			04/02/12 14:34	1
Xylenes, Total	<2.0				2.0		ug/L			04/02/12 14:34	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
	Result	Qualifier							
4-Bromofluorobenzene	101		101		70 - 130			04/02/12 14:34	1
Dibromofluoromethane	93		93		70 - 130			04/02/12 14:34	1
Toluene-d8 (Surr)	97		97		70 - 130			04/02/12 14:34	1

**Lab Sample ID: LCS 680-233196/2**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	Spike Added	MB	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier						
Acetone	100	104			ug/L		104	26 - 180	
Benzene	50.0	48.3			ug/L		97	70 - 130	
Bromoform	50.0	51.4			ug/L		103	70 - 130	
Bromomethane	50.0	59.5			ug/L		119	23 - 165	
2-Butanone (MEK)	100	101			ug/L		101	49 - 172	
Carbon disulfide	50.0	48.1			ug/L		96	54 - 132	
Carbon tetrachloride	50.0	48.0			ug/L		96	70 - 130	
Chlorobenzene	50.0	48.9			ug/L		98	70 - 130	
Chlorodibromomethane	50.0	49.8			ug/L		100	70 - 130	
Chloroethane	50.0	50.6			ug/L		101	56 - 152	
Chloroform	50.0	49.9			ug/L		100	70 - 130	
Chloromethane	50.0	50.6			ug/L		101	70 - 130	
cis-1,2-Dichloroethene	50.0	49.4			ug/L		99	70 - 130	
cis-1,3-Dichloropropene	50.0	45.6			ug/L		91	70 - 130	
Dichlorobromomethane	50.0	47.1			ug/L		94	70 - 130	
1,1-Dichloroethane	50.0	51.0			ug/L		102	70 - 130	
1,2-Dichloroethane	50.0	50.8			ug/L		102	70 - 130	
1,1-Dichloroethene	50.0	48.6			ug/L		97	66 - 131	

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCS 680-233196/2**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
	Added	Result	Qualifier				Limits	
1,2-Dichloropropane	50.0	52.5		ug/L		105	70 - 130	
Ethylbenzene	50.0	50.2		ug/L		100	70 - 130	
2-Hexanone	100	112		ug/L		112	42 - 185	
Methylene Chloride	50.0	53.3		ug/L		107	67 - 130	
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	70 - 130	
Styrene	50.0	52.3		ug/L		105	70 - 130	
1,1,2,2-Tetrachloroethane	50.0	53.3		ug/L		107	70 - 130	
Tetrachloroethene	50.0	50.2		ug/L		100	70 - 130	
Toluene	50.0	50.4		ug/L		101	70 - 130	
trans-1,2-Dichloroethene	50.0	49.3		ug/L		99	70 - 130	
trans-1,3-Dichloropropene	50.0	49.9		ug/L		100	70 - 130	
1,1,1-Trichloroethane	50.0	50.8		ug/L		102	70 - 130	
1,1,2-Trichloroethane	50.0	53.0		ug/L		106	70 - 130	
Trichloroethene	50.0	51.3		ug/L		103	70 - 130	
Vinyl chloride	50.0	46.6		ug/L		93	67 - 134	
Xylenes, Total	150	151		ug/L		101	70 - 130	

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8 (Surr)	101		70 - 130

**Lab Sample ID: LCSD 680-233196/3**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD Limit
	Added	Result	Qualifier				Limits		
Acetone	100	102		ug/L		102	26 - 180	2	50
Benzene	50.0	48.9		ug/L		98	70 - 130	1	30
Bromoform	50.0	51.7		ug/L		103	70 - 130	1	30
Bromomethane	50.0	63.5		ug/L		127	23 - 165	7	50
2-Butanone (MEK)	100	95.3		ug/L		95	49 - 172	6	30
Carbon disulfide	50.0	49.7		ug/L		99	54 - 132	3	30
Carbon tetrachloride	50.0	48.5		ug/L		97	70 - 130	1	30
Chlorobenzene	50.0	49.6		ug/L		99	70 - 130	1	30
Chlorodibromomethane	50.0	50.8		ug/L		102	70 - 130	2	50
Chloroethane	50.0	52.1		ug/L		104	56 - 152	3	40
Chloroform	50.0	51.0		ug/L		102	70 - 130	2	30
Chloromethane	50.0	50.1		ug/L		100	70 - 130	1	30
cis-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 130	3	30
cis-1,3-Dichloropropene	50.0	46.9		ug/L		94	70 - 130	3	30
Dichlorobromomethane	50.0	48.0		ug/L		96	70 - 130	2	30
1,1-Dichloroethane	50.0	53.0		ug/L		106	70 - 130	4	30
1,2-Dichloroethane	50.0	50.7		ug/L		101	70 - 130	0	30
1,1-Dichloroethene	50.0	48.6		ug/L		97	66 - 131	0	30
1,2-Dichloropropane	50.0	53.1		ug/L		106	70 - 130	1	30
Ethylbenzene	50.0	50.3		ug/L		101	70 - 130	0	30
2-Hexanone	100	110		ug/L		110	42 - 185	2	30
Methylene Chloride	50.0	55.0		ug/L		110	67 - 130	3	30

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCSD 680-233196/3**

**Matrix: Water**

**Analysis Batch: 233196**

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

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	%Rec.		RPD	Limit
	Added	Result	Qualifier				Limits	RPD		
4-Methyl-2-pentanone (MIBK)	100	111		ug/L		111	70 - 130	0	30	
Styrene	50.0	52.7		ug/L		105	70 - 130	1	30	
1,1,2,2-Tetrachloroethane	50.0	53.7		ug/L		107	70 - 130	1	30	
Tetrachloroethene	50.0	50.2		ug/L		100	70 - 130	0	30	
Toluene	50.0	51.0		ug/L		102	70 - 130	1	30	
trans-1,2-Dichloroethene	50.0	50.3		ug/L		101	70 - 130	2	30	
trans-1,3-Dichloropropene	50.0	51.1		ug/L		102	70 - 130	2	50	
1,1,1-Trichloroethane	50.0	50.8		ug/L		102	70 - 130	0	30	
1,1,2-Trichloroethane	50.0	52.6		ug/L		105	70 - 130	1	30	
Trichloroethene	50.0	52.7		ug/L		105	70 - 130	3	30	
Vinyl chloride	50.0	47.5		ug/L		95	67 - 134	2	30	
Xylenes, Total	150	153		ug/L		102	70 - 130	1	30	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8 (Surr)	103		70 - 130

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

**Lab Sample ID: MB 680-232545/4-A**

**Matrix: Water**

**Analysis Batch: 232674**

**Client Sample ID: Method Blank**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Phenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Bis(2-chloroethyl)ether	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2-Chlorophenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
1,3-Dichlorobenzene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
1,4-Dichlorobenzene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
1,2-Dichlorobenzene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2-Methylphenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
N-Nitrosodi-n-propylamine	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Hexachloroethane	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Nitrobenzene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Isophorone	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2-Nitrophenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2,4-Dimethylphenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Bis(2-chloroethoxy)methane	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2,4-Dichlorophenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
1,2,4-Trichlorobenzene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Naphthalene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
4-Chloroaniline	<20		20		ug/L		03/27/12 14:52	03/28/12 15:30	1
Hexachlorobutadiene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
4-Chloro-3-methylphenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2-Methylnaphthalene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
Hexachlorocyclopentadiene	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2,4,6-Trichlorophenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1
2,4,5-Trichlorophenol	<10		10		ug/L		03/27/12 14:52	03/28/12 15:30	1

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: MB 680-232545/4-A**

**Client Sample ID: Method Blank**

**Matrix: Water**

**Prep Type: Total/NA**

**Analysis Batch: 232674**

**Prep Batch: 232545**

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
2-Nitroaniline	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
Dimethyl phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Acenaphthylene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
3-Nitroaniline	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
Acenaphthene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
2,4-Dinitrophenol	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
4-Nitrophenol	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
Dibenzofuran	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
2,4-Dinitrotoluene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
2,6-Dinitrotoluene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
3 & 4 Methylphenol	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Diethyl phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
4-Chlorophenyl phenyl ether	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Fluorene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
4-Nitroaniline	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
4,6-Dinitro-2-methylphenol	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
N-Nitrosodiphenylamine	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
4-Bromophenyl phenyl ether	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Hexachlorobenzene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Pentachlorophenol	<50				50		ug/L	03/27/12 14:52	03/28/12 15:30		1
Phenanthrene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Anthracene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Di-n-butyl phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Fluoranthene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Pyrene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Butyl benzyl phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
3,3'-Dichlorobenzidine	<60				60		ug/L	03/27/12 14:52	03/28/12 15:30		1
Benzo[a]anthracene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Bis(2-ethylhexyl) phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Chrysene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Di-n-octyl phthalate	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Benzo[b]fluoranthene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Benzo[k]fluoranthene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Benzo[a]pyrene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Indeno[1,2,3-cd]pyrene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Dibenz(a,h)anthracene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Benzo[g,h,i]perylene	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
Carbazole	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1
bis(chloroisopropyl) ether	<10				10		ug/L	03/27/12 14:52	03/28/12 15:30		1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Phenol-d5			75		25 - 130	03/27/12 14:52	03/28/12 15:30	1
2-Fluorophenol			67		25 - 130	03/27/12 14:52	03/28/12 15:30	1
2,4,6-Tribromophenol			81		31 - 141	03/27/12 14:52	03/28/12 15:30	1
Nitrobenzene-d5			79		39 - 130	03/27/12 14:52	03/28/12 15:30	1
2-Fluorobiphenyl			68		38 - 130	03/27/12 14:52	03/28/12 15:30	1
Terphenyl-d14			72		10 - 143	03/27/12 14:52	03/28/12 15:30	1

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCS 680-232545/5-A**

**Matrix: Water**

**Analysis Batch: 232674**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.	Limits
		Result	Qualifier					
Phenol	100	77.5		ug/L	77	29 - 130		
Bis(2-chloroethyl)ether	100	91.1		ug/L	91	56 - 130		
2-Chlorophenol	100	81.2		ug/L	81	57 - 130		
1,3-Dichlorobenzene	100	68.4		ug/L	68	41 - 130		
1,4-Dichlorobenzene	100	70.2		ug/L	70	43 - 130		
1,2-Dichlorobenzene	100	70.3		ug/L	70	43 - 130		
2-Methylphenol	100	81.7		ug/L	82	55 - 130		
N-Nitrosodi-n-propylamine	100	94.1		ug/L	94	64 - 130		
Hexachloroethane	100	69.5		ug/L	70	39 - 130		
Nitrobenzene	100	84.7		ug/L	85	56 - 130		
Isophorone	100	85.8		ug/L	86	59 - 130		
2-Nitrophenol	100	80.9		ug/L	81	54 - 130		
2,4-Dimethylphenol	100	69.1		ug/L	69	40 - 130		
Bis(2-chloroethoxy)methane	100	89.8		ug/L	90	64 - 130		
2,4-Dichlorophenol	100	79.2		ug/L	79	54 - 130		
1,2,4-Trichlorobenzene	100	68.2		ug/L	68	42 - 130		
Naphthalene	100	77.3		ug/L	77	50 - 130		
4-Chloroaniline	100	57.7		ug/L	58	42 - 130		
Hexachlorobutadiene	100	70.7		ug/L	71	36 - 130		
4-Chloro-3-methylphenol	100	89.1		ug/L	89	60 - 130		
2-Methylnaphthalene	100	76.7		ug/L	77	52 - 130		
Hexachlorocyclopentadiene	100	32.2		ug/L	32	10 - 130		
2,4,6-Trichlorophenol	100	81.3		ug/L	81	57 - 130		
2,4,5-Trichlorophenol	100	83.8		ug/L	84	61 - 130		
2-Chloronaphthalene	100	73.6		ug/L	74	53 - 130		
2-Nitroaniline	100	104		ug/L	104	60 - 130		
Dimethyl phthalate	100	87.6		ug/L	88	69 - 130		
Acenaphthylene	100	83.9		ug/L	84	60 - 130		
3-Nitroaniline	100	81.2		ug/L	81	54 - 130		
Acenaphthene	100	77.0		ug/L	77	55 - 130		
2,4-Dinitrophenol	100	122		ug/L	122	20 - 165		
4-Nitrophenol	100	113		ug/L	113	38 - 130		
Dibenzofuran	100	80.4		ug/L	80	58 - 130		
2,4-Dinitrotoluene	100	91.0		ug/L	91	63 - 130		
2,6-Dinitrotoluene	100	88.2		ug/L	88	65 - 130		
3 & 4 Methylphenol	100	80.5		ug/L	80	35 - 130		
Diethyl phthalate	100	94.0		ug/L	94	70 - 130		
4-Chlorophenyl phenyl ether	100	85.6		ug/L	86	57 - 130		
Fluorene	100	86.0		ug/L	86	61 - 130		
4-Nitroaniline	100	88.2		ug/L	88	54 - 130		
4,6-Dinitro-2-methylphenol	100	88.1		ug/L	88	45 - 134		
N-Nitrosodiphenylamine	100	81.4		ug/L	81	68 - 130		
4-Bromophenyl phenyl ether	100	79.8		ug/L	80	61 - 130		
Hexachlorobenzene	100	71.3		ug/L	71	52 - 130		
Pentachlorophenol	100	85.4		ug/L	85	42 - 138		
Phenanthrene	100	81.5		ug/L	82	62 - 130		
Anthracene	100	78.4		ug/L	78	61 - 130		
Di-n-butyl phthalate	100	91.1		ug/L	91	66 - 130		
Fluoranthene	100	84.2		ug/L	84	56 - 130		

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: LCS 680-232545/5-A**

**Matrix: Water**

**Analysis Batch: 232674**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	Spike Added	LCS		Unit	D	%Rec	%Rec.
		Result	Qualifier				
Pyrene	100	84.3		ug/L		84	60 - 130
Butyl benzyl phthalate	100	100		ug/L		100	66 - 130
3,3'-Dichlorobenzidine	100	<60		ug/L		59	27 - 130
Benzo[a]anthracene	100	85.7		ug/L		86	58 - 130
Bis(2-ethylhexyl) phthalate	100	96.3		ug/L		96	62 - 130
Chrysene	100	89.6		ug/L		90	59 - 130
Di-n-octyl phthalate	100	99.7		ug/L		100	64 - 130
Benzo[b]fluoranthene	100	86.0		ug/L		86	51 - 130
Benzo[k]fluoranthene	100	74.6		ug/L		75	53 - 130
Benzo[a]pyrene	100	88.4		ug/L		88	61 - 130
Indeno[1,2,3-cd]pyrene	100	96.0		ug/L		96	47 - 130
Dibenz(a,h)anthracene	100	84.6		ug/L		85	55 - 130
Benzo[g,h,i]perylene	100	84.8		ug/L		85	54 - 130
Carbazole	100	86.9		ug/L		87	67 - 130
bis(chloroisopropyl) ether	100	104		ug/L		104	55 - 130

Surrogate	LCS		Limits
	%Recovery	Qualifier	
Phenol-d5	75		25 - 130
2-Fluorophenol	71		25 - 130
2,4,6-Tribromophenol	84		31 - 141
Nitrobenzene-d5	79		39 - 130
2-Fluorobiphenyl	68		38 - 130
Terphenyl-d14	76		10 - 143

**Lab Sample ID: 680-77956-3 MS**

**Matrix: Water**

**Analysis Batch: 232892**

**Client Sample ID: SA-33**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Phenol	950		97.4	913	4	ug/L		-34	29 - 130
Bis(2-chloroethyl)ether	<490		97.4	<490		ug/L		77	56 - 130
2-Chlorophenol	<490		97.4	<490		ug/L		70	57 - 130
1,3-Dichlorobenzene	<490		97.4	<490		ug/L		55	41 - 130
1,4-Dichlorobenzene	<490		97.4	<490		ug/L		58	43 - 130
1,2-Dichlorobenzene	<490		97.4	<490		ug/L		58	43 - 130
2-Methylphenol	2400		97.4	2230	4	ug/L		-192	55 - 130
N-Nitrosodi-n-propylamine	<490		97.4	<490		ug/L		103	64 - 130
Hexachloroethane	<490		97.4	<490		ug/L		60	39 - 130
Nitrobenzene	<490		97.4	<490	F	ug/L		0	56 - 130
Isophorone	<490		97.4	<490		ug/L		76	59 - 130
2-Nitrophenol	<490		97.4	<490		ug/L		71	54 - 130
2,4-Dimethylphenol	3100		97.4	2750	4	ug/L		-359	40 - 130
Bis(2-chloroethoxy)methane	<490		97.4	<490	F	ug/L		359	64 - 130
2,4-Dichlorophenol	<490		97.4	<490		ug/L		66	54 - 130
1,2,4-Trichlorobenzene	<490		97.4	<490		ug/L		56	42 - 130
Naphthalene	810		97.4	810	4	ug/L		2	50 - 130
4-Chloroaniline	<980		97.4	<970		ug/L		NC	42 - 130
Hexachlorobutadiene	<490		97.4	<490		ug/L		57	36 - 130
4-Chloro-3-methylphenol	<490		97.4	<490	F	ug/L		0	60 - 130

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: 680-77956-3 MS**

**Matrix: Water**

**Analysis Batch: 232892**

**Client Sample ID: SA-33**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
2-Methylnaphthalene	<490		97.4	<490	F	ug/L	39	52 - 130		
Hexachlorocyclopentadiene	<490		97.4	<490		ug/L	NC	10 - 130		
2,4,6-Trichlorophenol	<490		97.4	<490		ug/L	72	57 - 130		
2,4,5-Trichlorophenol	<490		97.4	<490		ug/L	74	61 - 130		
2-Chloronaphthalene	<490		97.4	<490		ug/L	70	53 - 130		
2-Nitroaniline	<2500		97.4	<2400		ug/L	109	60 - 130		
Dimethyl phthalate	<490		97.4	<490		ug/L	79	69 - 130		
Acenaphthylene	<490		97.4	<490		ug/L	75	60 - 130		
3-Nitroaniline	<2500		97.4	<2400		ug/L	NC	54 - 130		
Acenaphthene	<490		97.4	<490	F	ug/L	37	55 - 130		
2,4-Dinitrophenol	<2500		97.4	<2400		ug/L	NC	20 - 165		
4-Nitrophenol	<2500		97.4	<2400	F	ug/L	0	38 - 130		
Dibenzofuran	<490		97.4	<490	F	ug/L	57	58 - 130		
2,4-Dinitrotoluene	<490		97.4	<490	F	ug/L	0	63 - 130		
2,6-Dinitrotoluene	<490		97.4	<490		ug/L	65	65 - 130		
3 & 4 Methylphenol	6100		97.4	5550	4	ug/L	-609	35 - 130		
Diethyl phthalate	<490		97.4	<490		ug/L	85	70 - 130		
4-Chlorophenyl phenyl ether	<490		97.4	<490		ug/L	69	57 - 130		
Fluorene	<490		97.4	<490		ug/L	63	61 - 130		
4-Nitroaniline	<2500		97.4	<2400		ug/L	NC	54 - 130		
4,6-Dinitro-2-methylphenol	<2500		97.4	<2400		ug/L	NC	45 - 134		
N-Nitrosodiphenylamine	<490		97.4	<490		ug/L	71	68 - 130		
4-Bromophenyl phenyl ether	<490		97.4	<490		ug/L	66	61 - 130		
Hexachlorobenzene	<490		97.4	<490	F	ug/L	51	52 - 130		
Pentachlorophenol	<2500		97.4	<2400	F	ug/L	0	42 - 138		
Phenanthrene	<490		97.4	<490		ug/L	80	62 - 130		
Anthracene	<490		97.4	<490		ug/L	73	61 - 130		
Di-n-butyl phthalate	<490		97.4	<490		ug/L	74	66 - 130		
Fluoranthene	<490		97.4	<490		ug/L	67	56 - 130		
Pyrene	<490		97.4	<490		ug/L	77	60 - 130		
Butyl benzyl phthalate	<490		97.4	<490		ug/L	72	66 - 130		
3,3'-Dichlorobenzidine	<2900		97.4	<2900		ug/L	NC	27 - 130		
Benzo[a]anthracene	<490		97.4	<490	F	ug/L	57	58 - 130		
Bis(2-ethylhexyl) phthalate	<490		97.4	<490	F	ug/L	0	62 - 130		
Chrysene	<490		97.4	<490	F	ug/L	50	59 - 130		
Di-n-octyl phthalate	<490		97.4	<490	F	ug/L	0	64 - 130		
Benzo[b]fluoranthene	<490		97.4	<490		ug/L	NC	51 - 130		
Benzo[k]fluoranthene	<490		97.4	<490	F	ug/L	0	53 - 130		
Benzo[a]pyrene	<490		97.4	<490	F	ug/L	54	61 - 130		
Indeno[1,2,3-cd]pyrene	<490		97.4	<490		ug/L	56	47 - 130		
Dibenz(a,h)anthracene	<490		97.4	<490	F	ug/L	54	55 - 130		
Benzo[g,h,i]perylene	<490		97.4	<490		ug/L	69	54 - 130		
Carbazole	<490		97.4	<490		ug/L	97	67 - 130		
bis(chloroisopropyl) ether	<490		97.4	<490		ug/L	86	55 - 130		

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
Phenol-d5	0	D	25 - 130
2-Fluorophenol	0	D	25 - 130
2,4,6-Tribromophenol	0	D	31 - 141

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

**Lab Sample ID: 680-77956-3 MS**

**Matrix: Water**

**Analysis Batch: 232892**

**Client Sample ID: SA-33**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Surrogate	MS		Limits
	%Recovery	Qualifier	
Nitrobenzene-d5	0	D	39 - 130
2-Fluorobiphenyl	0	D	38 - 130
Terphenyl-d14	0	D	10 - 143

**Lab Sample ID: 680-77956-3 MSD**

**Matrix: Water**

**Analysis Batch: 232892**

**Client Sample ID: SA-33**

**Prep Type: Total/NA**

**Prep Batch: 232545**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Phenol	950		112	1030	4	ug/L		75	29 - 130	12	50
Bis(2-chloroethyl)ether	<490		112	<560		ug/L		86	56 - 130	25	50
2-Chlorophenol	<490		112	<560		ug/L		73	57 - 130	17	50
1,3-Dichlorobenzene	<490		112	<560		ug/L		55	41 - 130	13	50
1,4-Dichlorobenzene	<490		112	<560		ug/L		56	43 - 130	9	50
1,2-Dichlorobenzene	<490		112	<560		ug/L		61	43 - 130	17	50
2-Methylphenol	2400		112	2400	4	ug/L		-11	55 - 130	8	50
N-Nitrosodi-n-propylamine	<490		112	<560		ug/L		107	64 - 130	17	50
Hexachloroethane	<490		112	<560		ug/L		59	39 - 130	12	50
Nitrobenzene	<490		112	<560	F	ug/L		0	56 - 130	NC	50
Isophorone	<490		112	<560		ug/L		82	59 - 130	21	50
2-Nitrophenol	<490		112	<560		ug/L		76	54 - 130	20	50
2,4-Dimethylphenol	3100		112	2860	4	ug/L		-216	40 - 130	4	50
Bis(2-chloroethoxy)methane	<490		112	<560	F	ug/L		335	64 - 130	7	50
2,4-Dichlorophenol	<490		112	<560		ug/L		68	54 - 130	17	50
1,2,4-Trichlorobenzene	<490		112	<560		ug/L		56	42 - 130	14	50
Naphthalene	810		112	830	4	ug/L		19	50 - 130	2	50
4-Chloroaniline	<980		112	<1100		ug/L		NC	42 - 130	NC	50
Hexachlorobutadiene	<490		112	<560		ug/L		58	36 - 130	15	50
4-Chloro-3-methylphenol	<490		112	<560		ug/L		128	60 - 130	NC	50
2-Methylnaphthalene	<490		112	<560	F	ug/L		47	52 - 130	5	50
Hexachlorocyclopentadiene	<490		112	<560		ug/L		NC	10 - 130	NC	50
2,4,6-Trichlorophenol	<490		112	<560		ug/L		68	57 - 130	8	50
2,4,5-Trichlorophenol	<490		112	<560		ug/L		82	61 - 130	23	50
2-Chloronaphthalene	<490		112	<560		ug/L		68	53 - 130	11	50
2-Nitroaniline	<2500		112	<2800		ug/L		107	60 - 130	12	50
Dimethyl phthalate	<490		112	<560		ug/L		84	69 - 130	19	50
Acenaphthylene	<490		112	<560		ug/L		71	60 - 130	9	50
3-Nitroaniline	<2500		112	<2800		ug/L		NC	54 - 130	NC	50
Acenaphthene	<490		112	<560	F	ug/L		49	55 - 130	8	50
2,4-Dinitrophenol	<2500		112	<2800		ug/L		NC	20 - 165	NC	50
4-Nitrophenol	<2500		112	<2800		ug/L		108	38 - 130	NC	50
Dibenzofuran	<490		112	<560		ug/L		66	58 - 130	11	50
2,4-Dinitrotoluene	<490		112	<560		ug/L		72	63 - 130	NC	50
2,6-Dinitrotoluene	<490		112	<560		ug/L		71	65 - 130	23	50
3 & 4 Methylphenol	6100		112	5990	4	ug/L		-134	35 - 130	8	50
Diethyl phthalate	<490		112	<560		ug/L		91	70 - 130	19	50
4-Chlorophenyl phenyl ether	<490		112	<560		ug/L		75	57 - 130	22	50
Fluorene	<490		112	<560		ug/L		76	61 - 130	15	50
4-Nitroaniline	<2500		112	<2800		ug/L		NC	54 - 130	NC	50

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

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

Lab Sample ID: 680-77956-3 MSD							Client Sample ID: SA-33 Prep Type: Total/NA Prep Batch: 232545					
Analysis Batch: 232892		Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	Limits	RPD	RPD Limit
4,6-Dinitro-2-methylphenol	<2500			112	<2800		ug/L	NC	45 - 134	NC	50	
N-Nitrosodiphenylamine	<490			112	<560	F	ug/L	48	68 - 130	26	50	
4-Bromophenyl phenyl ether	<490			112	<560		ug/L	74	61 - 130	26	50	
Hexachlorobenzene	<490			112	<560		ug/L	61	52 - 130	32	50	
Pentachlorophenol	<2500			112	<2800	F	ug/L	0	42 - 138	NC	50	
Phanthrene	<490			112	<560		ug/L	87	62 - 130	22	50	
Anthracene	<490			112	<560		ug/L	82	61 - 130	25	50	
Di-n-butyl phthalate	<490			112	<560		ug/L	88	66 - 130	30	50	
Fluoranthene	<490			112	<560		ug/L	79	56 - 130	29	50	
Pyrene	<490			112	<560		ug/L	81	60 - 130	18	50	
Butyl benzyl phthalate	<490			112	<560		ug/L	86	66 - 130	30	50	
3,3'-Dichlorobenzidine	<2900			112	<3300		ug/L	NC	27 - 130	NC	50	
Benzo[a]anthracene	<490			112	<560		ug/L	72	58 - 130	37	50	
Bis(2-ethylhexyl) phthalate	<490			112	<560		ug/L	91	62 - 130	NC	50	
Chrysene	<490			112	<560		ug/L	66	59 - 130	41	50	
Di-n-octyl phthalate	<490			112	<560	F	ug/L	0	64 - 130	NC	50	
Benzo[b]fluoranthene	<490			112	<560		ug/L	NC	51 - 130	NC	50	
Benzo[k]fluoranthene	<490			112	<560		ug/L	61	53 - 130	NC	50	
Benzo[a]pyrene	<490			112	<560		ug/L	70	61 - 130	39	50	
Indeno[1,2,3-cd]pyrene	<490			112	<560		ug/L	69	47 - 130	34	50	
Dibenz(a,h)anthracene	<490			112	<560		ug/L	62	55 - 130	27	50	
Benzo[g,h,i]perylene	<490			112	<560		ug/L	71	54 - 130	17	50	
Carbazole	<490			112	<560		ug/L	95	67 - 130	7	50	
bis(chloroisopropyl) ether	<490			112	<560		ug/L	88	55 - 130	15	50	
<b>Surrogate</b>		<b>MSD %Recovery</b>	<b>MSD Qualifier</b>	<b>Limits</b>								
Phenol-d5		0	D	25 - 130								
2-Fluorophenol		0	D	25 - 130								
2,4,6-Tribromophenol		0	D	31 - 141								
Nitrobenzene-d5		0	D	39 - 130								
2-Fluorobiphenyl		0	D	38 - 130								
Terphenyl-d14		0	D	10 - 143								

## Method: 6010B - Metals (ICP)

Lab Sample ID: MB 680-232588/1-A							Client Sample ID: Method Blank Prep Type: Total Recoverable Prep Batch: 232588			
Matrix: Water		Analysis Batch: 232801								
Analyte		MB Result	MB Qualifier	MB RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum		<200		200		ug/L	03/27/12 12:49	03/29/12 03:34		1
Aluminum, Dissolved		<200		200		ug/L	03/27/12 12:49	03/29/12 03:34		1
Antimony		<20		20		ug/L	03/27/12 12:49	03/29/12 03:34		1
Antimony, Dissolved		<20		20		ug/L	03/27/12 12:49	03/29/12 03:34		1
Arsenic		<20		20		ug/L	03/27/12 12:49	03/29/12 03:34		1
Arsenic, Dissolved		<20		20		ug/L	03/27/12 12:49	03/29/12 03:34		1
Beryllium		<4.0		4.0		ug/L	03/27/12 12:49	03/29/12 03:34		1
Beryllium, Dissolved		<4.0		4.0		ug/L	03/27/12 12:49	03/29/12 03:34		1
Cadmium		<5.0		5.0		ug/L	03/27/12 12:49	03/29/12 03:34		1

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Method: 6010B - Metals (ICP) (Continued)

**Lab Sample ID: MB 680-232588/1-A**

**Matrix: Water**

**Analysis Batch: 232801**

**Client Sample ID: Method Blank**

**Prep Type: Total Recoverable**

**Prep Batch: 232588**

**MB MB**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium, Dissolved	<5.0		5.0		ug/L		03/27/12 12:49	03/29/12 03:34	1
Calcium	<500		500		ug/L		03/27/12 12:49	03/29/12 03:34	1
Calcium, Dissolved	<500		500		ug/L		03/27/12 12:49	03/29/12 03:34	1
Chromium	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Chromium, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Iron	<50		50		ug/L		03/27/12 12:49	03/29/12 03:34	1
Iron, Dissolved	<50		50		ug/L		03/27/12 12:49	03/29/12 03:34	1
Lead	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Lead, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Magnesium	<500		500		ug/L		03/27/12 12:49	03/29/12 03:34	1
Magnesium, Dissolved	<500		500		ug/L		03/27/12 12:49	03/29/12 03:34	1
Manganese	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Manganese, Dissolved	<10		10		ug/L		03/27/12 12:49	03/29/12 03:34	1
Potassium	<1000		1000		ug/L		03/27/12 12:49	03/29/12 03:34	1
Potassium, Dissolved	<1000		1000		ug/L		03/27/12 12:49	03/29/12 03:34	1
Sodium	<1000		1000		ug/L		03/27/12 12:49	03/29/12 03:34	1
Sodium, Dissolved	<1000		1000		ug/L		03/27/12 12:49	03/29/12 03:34	1

**Lab Sample ID: LCS 680-232588/2-A**

**Matrix: Water**

**Analysis Batch: 232801**

**Client Sample ID: Lab Control Sample**

**Prep Type: Total Recoverable**

**Prep Batch: 232588**

Analyte	Spike Added	LCS			D	%Rec	Limits
		Result	Qualifier	Unit			
Aluminum	2000	2150		ug/L		108	75 - 125
Aluminum, Dissolved	2000	2150		ug/L		108	75 - 125
Antimony	500	499		ug/L		100	75 - 125
Antimony, Dissolved	500	499		ug/L		100	75 - 125
Arsenic	2000	2180		ug/L		109	75 - 125
Arsenic, Dissolved	2000	2180		ug/L		109	75 - 125
Beryllium	50.0	53.7		ug/L		107	75 - 125
Beryllium, Dissolved	50.0	53.7		ug/L		107	75 - 125
Cadmium	50.0	54.5		ug/L		109	75 - 125
Cadmium, Dissolved	50.0	54.5		ug/L		109	75 - 125
Calcium	5000	5320		ug/L		106	75 - 125
Calcium, Dissolved	5000	5320		ug/L		106	75 - 125
Chromium	200	214		ug/L		107	75 - 125
Chromium, Dissolved	200	214		ug/L		107	75 - 125
Iron	1000	1060		ug/L		106	75 - 125
Iron, Dissolved	1000	1060		ug/L		106	75 - 125
Lead	500	541		ug/L		108	75 - 125
Lead, Dissolved	500	541		ug/L		108	75 - 125
Magnesium	5000	5240		ug/L		105	75 - 125
Magnesium, Dissolved	5000	5240		ug/L		105	75 - 125
Manganese	500	538		ug/L		108	75 - 125
Manganese, Dissolved	500	538		ug/L		108	75 - 125
Potassium	5000	5380		ug/L		108	75 - 125
Potassium, Dissolved	5000	5380		ug/L		108	75 - 125
Sodium	5000	5400		ug/L		108	75 - 125
Sodium, Dissolved	5000	5400		ug/L		108	75 - 125

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Method: 300.0 - Anions, Ion Chromatography

**Lab Sample ID:** MB 680-232689/2

**Matrix:** Water

**Analysis Batch:** 232689

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Nitrate as N	<0.25		0.25		mg/L			03/23/12 13:12	5

**Lab Sample ID:** LCS 680-232689/3

**Matrix:** Water

**Analysis Batch:** 232689

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits	RPD	Limit
	Added	Result	Qualifier						
Nitrate as N	4.99	4.90		mg/L		98	90 - 110		

**Lab Sample ID:** LCSD 680-232689/4

**Matrix:** Water

**Analysis Batch:** 232689

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	Limit
	Added	Result	Qualifier						
Nitrate as N	4.99	4.89		mg/L		98	90 - 110	0	30

**Lab Sample ID:** 680-77956-1 MS

**Matrix:** Water

**Analysis Batch:** 232689

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Nitrate as N	<0.25		4.99	4.94		mg/L		99	90 - 110

**Lab Sample ID:** 680-77956-1 MSD

**Matrix:** Water

**Analysis Batch:** 232689

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Nitrate as N	<0.25		4.99	4.90		mg/L		98	90 - 110

**Lab Sample ID:** MB 680-232692/2

**Matrix:** Water

**Analysis Batch:** 232692

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Bromide	<5.0		5.0		mg/L			03/23/12 17:54	5
Chloride	<5.0		5.0		mg/L			03/23/12 17:54	5
Sulfate	<5.0		5.0		mg/L			03/23/12 17:54	5

**Lab Sample ID:** LCS 680-232692/3

**Matrix:** Water

**Analysis Batch:** 232692

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits	RPD	Limit
	Added	Result	Qualifier						
Bromide	50.0	47.6		mg/L		95	90 - 110		
Chloride	50.0	49.5		mg/L		99	90 - 110		
Sulfate	50.0	49.5		mg/L		99	90 - 110		

# QC Sample Results

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Method: 300.0 - Anions, Ion Chromatography (Continued)

**Lab Sample ID: LCSD 680-232692/4**

**Matrix: Water**

**Analysis Batch: 232692**

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

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec.	Limits	RPD	RPD Limit
		Result	Qualifier						
Bromide	50.0	47.5		mg/L	95	90 - 110	0	30	
Chloride	50.0	49.4		mg/L	99	90 - 110	0	30	
Sulfate	50.0	49.8		mg/L	100	90 - 110	1	30	

**Lab Sample ID: 680-77956-1 MS**

**Matrix: Water**

**Analysis Batch: 232692**

**Client Sample ID: SA-29**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromide	<5.0		50.0	47.0		mg/L	94	90 - 110	
Chloride	<5.0		50.0	52.2		mg/L	99	90 - 110	
Sulfate	<5.0		50.0	51.7		mg/L	103	90 - 110	

**Lab Sample ID: 680-77956-1 MSD**

**Matrix: Water**

**Analysis Batch: 232692**

**Client Sample ID: SA-29**  
**Prep Type: Total/NA**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Bromide	<5.0		50.0	47.0		mg/L	94	90 - 110	0
Chloride	<5.0		50.0	51.9		mg/L	98	90 - 110	1
Sulfate	<5.0		50.0	51.4		mg/L	103	90 - 110	1

## Method: 410.4 - COD

**Lab Sample ID: MB 680-232472/3**

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

**Matrix: Water**

**Analysis Batch: 232472**

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chemical Oxygen Demand	<20		20		mg/L			03/26/12 14:41	1

**Lab Sample ID: LCS 680-232472/4**

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

**Matrix: Water**

**Analysis Batch: 232472**

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added						
Chemical Oxygen Demand	100	106		mg/L	106	90 - 110	

**Lab Sample ID: 680-77956-4 MS**

**Client Sample ID: ITW-11**  
**Prep Type: Total/NA**

**Matrix: Water**

**Analysis Batch: 232472**

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Chemical Oxygen Demand	92		100	201		mg/L	109	90 - 110	

**Lab Sample ID: 680-77956-4 MSD**

**Client Sample ID: ITW-11**  
**Prep Type: Total/NA**

**Matrix: Water**

**Analysis Batch: 232472**

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Chemical Oxygen Demand	92		100	201		mg/L	109	90 - 110	0

# QC Sample Results

Client: Weston Solutions, Inc.  
 Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## Method: SM 2320B - Alkalinity

**Lab Sample ID:** MB 680-232544/5

**Matrix:** Water

**Analysis Batch:** 232544

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Alkalinity	<5.0		5.0	mg/L			03/24/12 18:27	1
Bicarbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0	mg/L			03/24/12 18:27	1
Carbonate Alkalinity as CaCO <sub>3</sub>	<5.0		5.0	mg/L			03/24/12 18:27	1

**Lab Sample ID:** LCS 680-232544/6

**Matrix:** Water

**Analysis Batch:** 232544

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	%Rec. Limits
	Added	Result	Qualifier				
Alkalinity	250	246		mg/L	99	80 - 120	

**Lab Sample ID:** LCSD 680-232544/20

**Matrix:** Water

**Analysis Batch:** 232544

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec.	%Rec. Limits	RPD	Limit
	Added	Result	Qualifier						
Alkalinity	250	246		mg/L	98	80 - 120		0	30

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

**Client Sample ID: SA-29**

**Lab Sample ID: 680-77956-1**

**Matrix: Water**

**Date Collected: 03/22/12 09:45**

**Date Received: 03/23/12 09:27**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	233178	04/02/12 17:20	JG	TAL SAV
Total/NA	Prep	3520C			232545	03/27/12 14:52	RBS	TAL SAV
Total/NA	Analysis	8270C		10	232674	03/28/12 17:25	MES	TAL SAV
Total Recoverable	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Total Recoverable	Analysis	6010B		1	232801	03/29/12 04:21	RAM	TAL SAV
Dissolved	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Dissolved	Analysis	6010B		1	232801	03/29/12 04:57	RAM	TAL SAV
Total/NA	Analysis	410.4		1	232472	03/26/12 14:41	PAT	TAL SAV
Total/NA	Analysis	SM 2320B		1	232544	03/24/12 19:36	TH	TAL SAV
Total/NA	Analysis	300.0		5	232689	03/23/12 13:58	SMP	TAL SAV
Total/NA	Analysis	300.0		5	232692	03/23/12 19:09	SMP	TAL SAV

**Client Sample ID: SA-30**

**Lab Sample ID: 680-77956-2**

**Matrix: Water**

**Date Collected: 03/22/12 11:30**

**Date Received: 03/23/12 09:27**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	233178	04/02/12 17:48	JG	TAL SAV
Total/NA	Prep	3520C			232545	03/27/12 14:52	RBS	TAL SAV
Total/NA	Analysis	8270C		10	232674	03/28/12 16:56	MES	TAL SAV
Total Recoverable	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Total Recoverable	Analysis	6010B		1	232801	03/29/12 04:37	RAM	TAL SAV
Dissolved	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Dissolved	Analysis	6010B		1	232801	03/29/12 05:03	RAM	TAL SAV
Total/NA	Analysis	410.4		1	232472	03/26/12 14:41	PAT	TAL SAV
Total/NA	Analysis	SM 2320B		1	232544	03/24/12 19:42	TH	TAL SAV
Total/NA	Analysis	300.0		5	232689	03/23/12 14:44	SMP	TAL SAV
Total/NA	Analysis	300.0		5	232692	03/23/12 19:46	SMP	TAL SAV

**Client Sample ID: SA-33**

**Lab Sample ID: 680-77956-3**

**Matrix: Water**

**Date Collected: 03/21/12 15:45**

**Date Received: 03/23/12 09:27**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	233178	04/02/12 18:17	JG	TAL SAV
Total/NA	Prep	3520C			232545	03/27/12 14:52	RBS	TAL SAV
Total/NA	Analysis	8270C		50	232892	03/29/12 12:37	LH	TAL SAV
Total Recoverable	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Total Recoverable	Analysis	6010B		1	232801	03/29/12 04:42	RAM	TAL SAV
Dissolved	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Dissolved	Analysis	6010B		1	232801	03/29/12 05:08	RAM	TAL SAV
Total/NA	Analysis	410.4		1	232472	03/26/12 14:41	PAT	TAL SAV
Total/NA	Analysis	SM 2320B		1	232544	03/24/12 19:48	TH	TAL SAV

# Lab Chronicle

Client: Weston Solutions, Inc.  
Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

## **Client Sample ID: SA-33**

**Date Collected:** 03/21/12 15:45  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-3**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	232689	03/23/12 14:59	SMP	TAL SAV
Total/NA	Analysis	300.0		5	232692	03/23/12 19:58	SMP	TAL SAV

## **Client Sample ID: ITW-11**

**Date Collected:** 03/22/12 14:15  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-4**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	410.4		1	232472	03/26/12 14:41	PAT	TAL SAV

## **Client Sample ID: ITW-7**

**Date Collected:** 03/22/12 15:15  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-5**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Dissolved	Analysis	6010B		1	232801	03/29/12 05:13	RAM	TAL SAV

## **Client Sample ID: ITW-8**

**Date Collected:** 03/22/12 16:50  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-6**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	232692	03/23/12 20:11	SMP	TAL SAV

## **Client Sample ID: ITW-6**

**Date Collected:** 03/22/12 16:00  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-7**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			232588	03/27/12 12:49	CDJ	TAL SAV
Dissolved	Analysis	6010B		1	232801	03/29/12 05:18	RAM	TAL SAV

## **Client Sample ID: Trip Blank**

**Date Collected:** 03/21/12 00:00  
**Date Received:** 03/23/12 09:27

## **Lab Sample ID: 680-77956-8**

**Matrix:** Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	233196	04/02/12 15:12	JG	TAL SAV

### Laboratory References:

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

# TestAmerica

## ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

 TestAmerica Savannah  
5102 LaRoche Avenue  
Savannah, GA 31404

THE LEADER IN ENVIRONMENTAL TESTING

PROJECT REFERENCE

Page 40 of 41

PROJECT NO.

Page 40 of 41

PROJECT LOCATION  
(STATE)

Page 40 of 41

PO. NUMBER

Page 40 of 41

CONTRACT NO.

Page 40 of 41

CLIENT PHONE

Page 40 of 41

CLIENT FAX

Page 40 of 41

CLIENT E-MAIL

Page 40 of 41

CLIENT NAME

Page 40 of 41

CLIENT ADDRESS

Page 40 of 41

COMPANY CONTRACTING THIS WORK (if applicable)

Page 40 of 41

AQUEOUS (WATER)

Page 40 of 41

SOLID OR SEMISOLID

Page 40 of 41

AIR

Page 40 of 41

NONAQUEOUS LIQUID (OIL, SOLVENT, ETC.)

Page 40 of 41

REMARKS

Page 40 of 41

SAMPLE IDENTIFICATION

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RELINQUISHED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED FOR LABORATORY BY:

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGNATURE)

Page 40 of 41

DATE

Page 40 of 41

TIME

Page 40 of 41

RECEIVED BY: (SIGN

## Certification Summary

Client: Weston Solutions, Inc.  
 Project/Site: Hawthorne GW Sampling

TestAmerica Job ID: 680-77956-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Savannah	A2LA	DoD ELAP		0399-01
TestAmerica Savannah	A2LA	ISO/IEC 17025		399.01
TestAmerica Savannah	Alabama	State Program	4	41450
TestAmerica Savannah	Arkansas	State Program	6	N/A
TestAmerica Savannah	Arkansas DEQ	State Program	6	88-0692
TestAmerica Savannah	California	NELAC	9	3217CA
TestAmerica Savannah	Colorado	State Program	8	N/A
TestAmerica Savannah	Connecticut	State Program	1	PH-0161
TestAmerica Savannah	Florida	NELAC	4	E87052
TestAmerica Savannah	GA Dept. of Agriculture	State Program	4	N/A
TestAmerica Savannah	Georgia	State Program	4	803
TestAmerica Savannah	Georgia	State Program	4	N/A
TestAmerica Savannah	Guam	State Program	9	09-005r
TestAmerica Savannah	Hawaii	State Program	9	N/A
TestAmerica Savannah	Illinois	NELAC	5	200022
TestAmerica Savannah	Indiana	State Program	5	N/A
TestAmerica Savannah	Iowa	State Program	7	353
TestAmerica Savannah	Kentucky	State Program	4	90084
TestAmerica Savannah	Kentucky (UST)	State Program	4	18
TestAmerica Savannah	Louisiana	NELAC	6	30690
TestAmerica Savannah	Louisiana	NELAC	6	LA100015
TestAmerica Savannah	Maine	State Program	1	GA00006
TestAmerica Savannah	Maryland	State Program	3	250
TestAmerica Savannah	Massachusetts	State Program	1	M-GA006
TestAmerica Savannah	Michigan	State Program	5	9925
TestAmerica Savannah	Mississippi	State Program	4	N/A
TestAmerica Savannah	Montana	State Program	8	CERT0081
TestAmerica Savannah	Nebraska	State Program	7	TestAmerica-Savannah
TestAmerica Savannah	New Jersey	NELAC	2	GA769
TestAmerica Savannah	New Mexico	State Program	6	N/A
TestAmerica Savannah	New York	NELAC	2	10842
TestAmerica Savannah	North Carolina DENR	State Program	4	269
TestAmerica Savannah	North Carolina DHHS	State Program	4	13701
TestAmerica Savannah	Oklahoma	State Program	6	9984
TestAmerica Savannah	Pennsylvania	NELAC	3	68-00474
TestAmerica Savannah	Puerto Rico	State Program	2	GA00006
TestAmerica Savannah	Rhode Island	State Program	1	LAO00244
TestAmerica Savannah	South Carolina	State Program	4	98001
TestAmerica Savannah	Tennessee	State Program	4	TN02961
TestAmerica Savannah	Texas	NELAC	6	T104704185-08-TX
TestAmerica Savannah	USDA	Federal		SAV 3-04
TestAmerica Savannah	Vermont	State Program	1	87052
TestAmerica Savannah	Virginia	NELAC	3	460161
TestAmerica Savannah	Washington	State Program	10	C1794
TestAmerica Savannah	West Virginia	State Program	3	9950C
TestAmerica Savannah	West Virginia DEP	State Program	3	94
TestAmerica Savannah	Wisconsin	State Program	5	999819810
TestAmerica Savannah	Wyoming	State Program	8	8TMS-Q

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.