



Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAP 343: IL Rte 68 (Dundee Rd) at Barrington Rd Office Phone Number, if available: _____

Physical Site Location (address, including number and street):

500-516, 600-606, and 827 Stone Canyon Circle

City: Barrington State: IL Zip Code: _____

County: Cook Township: _____

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.128335805 Longitude: -88.135423973

(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Department of Transportation

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

Street Address: 201 West Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

Zip Code: 60196-1096 Phone: 847-705-4101

Zip Code: 60196-1096 Phone: 847-705-4101

Contact: Sam Mead

Contact: Sam Mead

Email, if available: Sam.Mead@illinois.gov

Email, if available: Sam.Mead@illinois.gov

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Project Name: FAP 343: IL Rte 68 (Dundee Rd) at Barrington Rd

Latitude: 42.128335805 Longitude: -88.135423973

Uncontaminated Site Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

- a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

LOCATIONS RE2-1 THROUGH RE2-8 WERE SAMPLED ADJACENT TO ISGS SITE No. 2469-4. SEE FIGURES 3-1/3-2 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

- b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-78550-1

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Steven Gobelman, P.E., L.P.G (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: Illinois Department of Transportation


Street Address: 2300 South Dirksen Parkway

City: Springfield State: IL Zip Code: 62764

Phone: 217-785-4246

Steven Gobelman, P.E., L.P.G

Printed Name:


 Licensed Professional Engineer or
 Licensed Professional Geologist Signature:

12/9/14
 Date:



Summary Table of ISGS Site No. 2469-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 343: IL Route 68 (Dundee Road) at Barrington Road
Barrington, Cook County, Illinois

Field Sample ID	RE2-1(0-7)-061014	RE2-2(0-7)-061014	RE2-3(0-7)-061014	RE2-4(0-7)-061014	RE2-5(0-6)-061014	RE2-5(6-13)-061014	RE2-6(0-7)-061014	RE2-7(0-7)-061014	RE2-8(0-7)-061014	Soil Reference Concentrations ^A
Sample Date	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	
Location ID	RE2-1	RE2-2	RE2-3	RE2-4	RE2-5	RE2-5	RE2-6	RE2-7	RE2-8	
Depth	0 - 7	0 - 7	0 - 7	0 - 7	0 - 6	6 - 13	0 - 7	0 - 7	0 - 7	
ISGS Site Number	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	
Parameter										
Laboratory pH	8.48	8.24	8.5	7.23	7.91	8.05	8.09	7.78	7.68	<6.25, >9.0
VOCs (ug/kg)										
Acetone	50	19	57	100	ND	ND	11	ND	25	25000
Methyl ethyl ketone	6.4	ND	ND	14	ND	ND	ND	ND	2.8 J	---
SVOCs (ug/kg)										
Anthracene	ND	18 J	ND	ND	ND	ND	ND	38 J	ND	1.20E+07
Benzo(a)anthracene	24 J	120	34 J	28 J	ND	ND	78 J	160	66 J	900 / 1100 / 1800
Benzo(a)pyrene	29 J	140	41	30 J	ND	ND	120 J	160	82 J	90 / 1300 / 2100
Benzo(b)fluoranthene	40	180	54	39 J	ND	12 J	150 J	230	140 J	900 / 1500 / 2100
Benzo(g,h,i)perylene	35 J	240 J-	37 J	29 J	ND	ND	140 J	120	80 J	---
Benzo(k)fluoranthene	19 J	110	26 J	22 J	ND	ND	94 J	140	140 J	9000
Chrysene	34 J	170	48	43 J	ND	12 J	110 J	210	90 J	88000
Fluoranthene	53	340	69	65	ND	13 J	160 J	450	130 J	3100000
Fluorene	ND	9.9 J	ND	ND	ND	ND	ND	ND	ND	560000
Indeno(1,2,3-cd)pyrene	25 J	110	30 J	26 J	ND	ND	100 J	100	68 J	900 / 900 / 1600
Phenanthrene	19 J	130	18 J	25 J	ND	9 J	86 J	180	42 J	---
Pyrene	47	260	68	58	ND	12 J	160 J	370	120 J	2300000
Total Metals (mg/kg)										
Antimony, Total	ND	ND	ND	0.55 J	0.55 J	ND	0.49 J	ND	ND	5
Arsenic, Total	6 J+	7.6 J+	5.8 J+	7.8 J+	8.2 J+	9.3 J+	7.9 J+	9.4 J+	8.1 J+	11.3 / 13
Barium, Total	49 J	26 J	47 J	68 J	66 J	64 J	100 J	54 J	52 J	1500
Beryllium, Total	0.49	0.37	0.5	0.69	0.64	0.59	0.62	0.56	0.63	22
Cadmium, Total	0.7	0.69	0.69	0.79	0.75	0.77	0.7	0.78	0.7	5.2
Calcium, Total	86000 J+	83000 J+	75000 J+	53000 J+	40000 J+	55000 J+	42000 J+	81000 J+	41000 J+	---
Chromium, Total	13 B	12 B	13 B	19 B	17 B	16 B	18 B	17 B	20 B	21
Cobalt, Total	7.1 J	5.8 J	7.4 J	11 J	11 J	9.4 J	7.1 J	6.5 J	7.4 J	20
Copper, Total	17	20	17	25	25	22	24	25	26	2900
Iron, Total	15000 J+	15000 J+	16000 J+	20000 J+	21000 J+	19000 J+	20000 J+	21000 J+	21000 J+	15000 / 15900
Lead, Total	53	12	16	35	19	71	71	11	13	107
Magnesium, Total	41000 J+	39000 J+	33000 J+	34000 J+	23000 J+	34000 J+	23000 J+	28000 J+	23000 J+	325000
Manganese, Total	380 J	330 J	310 J	400 J	460 J	460 J	350 J	260 J	310 J	630 / 636
Mercury, Total	0.025	0.02	0.026	0.041	0.027	0.024	0.023	0.017 J	0.023	0.89
Nickel, Total	18 J	18 J	20 J	25 J	26 J	24 J	20 J	21 J	23 J	100
Potassium, Total	1700 J+	1700 J+	1900 J+	1900 J+	1800 J+	1800 J+	1800 J+	2000 J+	1900 J+	---
Selenium, Total	ND	ND	ND	0.27 J	0.24 J	ND	0.22 J	ND	ND	1.3
Silver, Total	ND	0.035 J	0.025 J	ND	0.031 J	0.035 J	0.057 J	0.046 J	0.027 J	4.4
Sodium, Total	1700 J+	1200 J+	1300 J+	1400 J+	290 J+	610 J+	750 J+	800 J+	1500 J+	---
Thallium, Total	0.73	1	0.77	1.3	1.2	1.1	1	1.1	0.97	2.6
Vanadium, Total	16 B	12 B	17 B	24 B	21 B	20 B	22 B	22 B	23 B	550
Zinc, Total	44 B	39 B	40 B	55 B	50 B	52 B	53 B	66 B	51 B	5100

Summary Table of ISGS Site No. 2469-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 343: IL Route 68 (Dundee Road) at Barrington Road
Barrington, Cook County, Illinois

Field Sample ID	RE2-1(0-7)-061014	RE2-2(0-7)-061014	RE2-3(0-7)-061014	RE2-4(0-7)-061014	RE2-5(0-6)-061014	RE2-5(6-13)-061014	RE2-6(0-7)-061014	RE2-7(0-7)-061014	RE2-8(0-7)-061014	Soil Reference Concentrations ^A
Sample Date	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	6/10/2014	
Location ID	RE2-1	RE2-2	RE2-3	RE2-4	RE2-5	RE2-5	RE2-6	RE2-7	RE2-8	
Depth	0 - 7	0 - 7	0 - 7	0 - 7	0 - 6	6 - 13	0 - 7	0 - 7	0 - 7	
ISGS Site Number	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	2469-4	
Parameter										
TCLP Metals (mg/l)										
Arsenic, TCLP	ND	ND	ND	0.011 J	ND	ND	ND	ND	0.01 J	0.05
Barium, TCLP	0.43 J	0.32 J	0.57	0.58	0.51	0.51	0.56	0.45 J	0.49 J	2
Cadmium, TCLP	ND	ND	0.002 J	ND	ND	ND	ND	ND	ND	0.005
Cobalt, TCLP	0.017 J	ND	0.011 J	0.044	ND	ND	0.022 J	ND	ND	1
Copper, TCLP	ND	ND	0.016 J	0.046	0.02 J	0.044	0.031	0.14	0.063	0.65
Iron, TCLP	ND	ND	ND	0.24	ND	0.27	ND	0.21	ND	5
Lead, TCLP	ND	ND	ND	ND	ND	ND	0.012	0.0083	ND	0.0075
Nickel, TCLP	0.021 J	0.016 J	0.016 J	0.04	ND	0.018 J	0.033	ND	0.022 J	0.1
Zinc, TCLP	ND	0.023 J	0.043 J	0.091 J	0.039 J	0.072 J	0.046 J	0.092 J	0.058 J	5
SPLP Metals (mg/l)										
Arsenic, SPLP	0.051	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Barium, SPLP	0.46 J	0.17 J	0.36 J	0.5	0.23 J	0.14 J	0.22 J	0.18 J	0.43 J	2
Beryllium, SPLP	0.0053	ND	ND	ND	ND	ND	ND	ND	ND	0.004
Cadmium, SPLP	0.0022 J	ND	ND	ND	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.13	0.013 J	ND	ND	ND	ND	ND	ND	ND	0.1
Cobalt, SPLP	0.045	ND	ND	0.011 J	ND	ND	ND	ND	ND	1
Copper, SPLP	0.16	0.03	0.043	0.061	0.022 J	0.036	0.032	0.038	0.048	0.65
Iron, SPLP	130 J	5.8 J	4.7 J	6.2 J	1.2 J	1.2 J	1.8 J	2.5 J	3.8 J	5
Lead, SPLP	0.18	0.035	0.13	0.076	0.048	0.034	0.014	0.012	0.037	0.0075
Manganese, SPLP	1.1	0.26	0.44	0.68	0.076	0.084	0.073	0.08	0.37	0.15
Mercury, SPLP	0.00019 J	0.00054	0.00023	0.00024	0.00013 J	ND	0.00014 J	ND	0.00026	0.002
Nickel, SPLP	0.15	0.017 J	0.015 J	0.036	0.011 J	ND	ND	ND	0.017 J	0.1
Zinc, SPLP	0.43	0.11	0.088 J	0.2	0.059 J	0.11	0.085 J	0.091 J	0.091 J	5

Notes:

--- - not applicable or value not available.

^A - Soil reference concentrations from MAC Table. Background values for Chicago corporate limits and MSA counties are included, as applicable.

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

J+ - Estimated concentration, biased high.

J- - Estimated concentration, biased low.

 Shaded values indicate concentration **exceeds** Reference Concentration.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-78550-1
Client Project/Site: IDOT - Barrington - WO 055

For:
Weston Solutions, Inc.
301 Archer Ave.
Mundelein, Illinois 60060

Attn: Mr. S. Babusukumar



Authorized for release by:
6/25/2014 3:32:34 PM

Richard Wright, Senior Project Manager
(708)534-5200
richard.wright@testamericainc.com

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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.

- 1
- 2
- 3
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- 11
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- 14
- 15

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-2(0-7)-061014

Lab Sample ID: 500-78550-1

Date Collected: 06/10/14 08:20

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 85.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	19		5.8	2.5	ug/Kg	☼		06/12/14 14:05	1
Benzene	<5.8		5.8	0.80	ug/Kg	☼		06/12/14 14:05	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:05	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		06/12/14 14:05	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		06/12/14 14:05	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		06/12/14 14:05	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		06/12/14 14:05	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		06/12/14 14:05	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		06/12/14 14:05	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		06/12/14 14:05	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:05	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		06/12/14 14:05	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:05	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:05	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		06/12/14 14:05	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		06/12/14 14:05	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		06/12/14 14:05	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		06/12/14 14:05	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:05	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:05	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		06/12/14 14:05	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		06/12/14 14:05	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		06/12/14 14:05	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		06/12/14 14:05	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		06/12/14 14:05	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:05	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:05	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		06/12/14 14:05	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		06/12/14 14:05	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		06/12/14 14:05	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:05	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		06/12/14 14:05	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		06/12/14 14:05	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		06/12/14 14:05	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:05	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		06/12/14 14:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 122		06/12/14 14:05	1
Dibromofluoromethane	112		75 - 120		06/12/14 14:05	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		06/12/14 14:05	1
Toluene-d8 (Surr)	105		75 - 122		06/12/14 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<180		180	39	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-2(0-7)-061014

Lab Sample ID: 500-78550-1

Date Collected: 06/10/14 08:20

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<360		360	83	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,4-Dichlorophenol	<360		360	86	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,4-Dinitrophenol	<730		730	640	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2,6-Dinitrotoluene	<180		180	71	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Methylnaphthalene	<36		36	6.7	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Methylphenol	<180		180	58	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
2-Nitrophenol	<360		360	86	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Chloroaniline	<730		730	170	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
4-Nitrophenol	<730		730	350	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Acenaphthene	11	J	36	6.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Acenaphthylene	<36		36	4.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Anthracene	18	J	36	6.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Benzo[a]anthracene	120		36	4.9	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Benzo[a]pyrene	140		36	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Benzo[b]fluoranthene	180		36	7.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Benzo[g,h,i]perylene	240		36	12	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Benzo[k]fluoranthene	110		36	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Butyl benzyl phthalate	<180		180	69	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Carbazole	<180		180	94	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Chrysene	170		36	9.9	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Dibenz(a,h)anthracene	<36		36	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Dibenzofuran	<180		180	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Di-n-octyl phthalate	<180		180	59	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Fluoranthene	340		36	6.7	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Fluorene	9.9	J	36	5.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Hexachlorobenzene	<73		73	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Hexachlorocyclopentadiene	<730		730	210	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Hexachloroethane	<180		180	55	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-2(0-7)-061014

Lab Sample ID: 500-78550-1

Date Collected: 06/10/14 08:20

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	110		36	9.4	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Isophorone	<180		180	41	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Naphthalene	<36		36	5.6	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Nitrobenzene	<36		36	9.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Pentachlorophenol	<730		730	580	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Phenanthrene	130		36	5.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Phenol	<180		180	81	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1
Pyrene	260		36	7.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	95		35 - 137	06/19/14 07:17	06/23/14 17:25	1
2-Fluorobiphenyl	71		25 - 119	06/19/14 07:17	06/23/14 17:25	1
2-Fluorophenol	63		25 - 110	06/19/14 07:17	06/23/14 17:25	1
Nitrobenzene-d5	71		25 - 115	06/19/14 07:17	06/23/14 17:25	1
Phenol-d5	54		31 - 110	06/19/14 07:17	06/23/14 17:25	1
Terphenyl-d14	78		36 - 134	06/19/14 07:17	06/23/14 17:25	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Barium	0.32	J	0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:06	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Cobalt	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Copper	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:06	1
Manganese	1.5		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Nickel	0.016	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Selenium	0.023	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:06	1
Zinc	0.023	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:06	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Barium	0.17	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 18:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 18:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 18:33	1
Chromium	0.013	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Copper	0.030		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Iron	5.8		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 18:33	1
Lead	0.035		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 18:33	1
Manganese	0.26		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Nickel	0.017	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-2(0-7)-061014

Lab Sample ID: 500-78550-1

Date Collected: 06/10/14 08:20

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:33	1
Zinc	0.11		0.10	0.020	mg/L		06/23/14 08:00	06/23/14 18:33	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.43	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Arsenic	7.6		0.54	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Barium	26		0.54	0.058	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Beryllium	0.37		0.22	0.043	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Cadmium	0.69		0.11	0.014	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Calcium	83000	B	110	29	mg/Kg	☼	06/17/14 10:00	06/23/14 18:20	10
Chromium	12	B	0.54	0.063	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Cobalt	5.8		0.27	0.054	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Copper	20		0.54	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Iron	15000		11	4.4	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Lead	12		0.27	0.080	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Magnesium	39000	B	5.4	1.1	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Manganese	330		0.54	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Nickel	18		0.54	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Potassium	1700	B	27	1.6	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Selenium	<0.54		0.54	0.19	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Silver	0.035	J	0.27	0.020	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Sodium	1200		54	7.2	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Thallium	1.0		0.54	0.23	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Vanadium	12	B	0.27	0.040	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1
Zinc	39	B	1.1	0.22	mg/Kg	☼	06/17/14 10:00	06/21/14 01:11	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 10:57	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.54		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:57	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	20		18	7.0	ug/Kg	☼	06/13/14 12:00	06/16/14 11:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.24		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-1(0-7)-061014

Lab Sample ID: 500-78550-2

Date Collected: 06/10/14 08:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 86.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	50		5.8	2.5	ug/Kg	☼		06/12/14 14:28	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		06/12/14 14:28	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:28	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		06/12/14 14:28	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		06/12/14 14:28	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		06/12/14 14:28	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		06/12/14 14:28	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		06/12/14 14:28	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		06/12/14 14:28	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		06/12/14 14:28	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:28	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		06/12/14 14:28	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:28	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:28	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		06/12/14 14:28	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		06/12/14 14:28	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		06/12/14 14:28	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		06/12/14 14:28	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:28	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:28	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		06/12/14 14:28	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		06/12/14 14:28	1
Methyl Ethyl Ketone	6.4		5.8	2.1	ug/Kg	☼		06/12/14 14:28	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		06/12/14 14:28	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		06/12/14 14:28	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		06/12/14 14:28	1
1,1,1,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:28	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		06/12/14 14:28	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		06/12/14 14:28	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		06/12/14 14:28	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		06/12/14 14:28	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		06/12/14 14:28	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		06/12/14 14:28	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		06/12/14 14:28	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		06/12/14 14:28	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		06/12/14 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 122		06/12/14 14:28	1
Dibromofluoromethane	112		75 - 120		06/12/14 14:28	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 134		06/12/14 14:28	1
Toluene-d8 (Surr)	102		75 - 122		06/12/14 14:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	41	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-1(0-7)-061014

Lab Sample ID: 500-78550-2

Date Collected: 06/10/14 08:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,4-Dinitrophenol	<760		760	670	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Methylphenol	<190		190	61	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4,6-Dinitro-2-methylphenol	<380		380	300	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Anthracene	<38		38	6.3	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Benzo[a]anthracene	24	J	38	5.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Benzo[a]pyrene	29	J	38	7.3	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Benzo[b]fluoranthene	40		38	8.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Benzo[g,h,i]perylene	35	J	38	12	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Benzo[k]fluoranthene	19	J	38	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Carbazole	<190		190	98	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Chrysene	34	J	38	10	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Dibenzofuran	<190		190	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Fluoranthene	53		38	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Fluorene	<38		38	5.3	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Hexachloroethane	<190		190	58	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-1(0-7)-061014

Lab Sample ID: 500-78550-2

Date Collected: 06/10/14 08:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	25	J	38	9.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Isophorone	<190		190	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Naphthalene	<38		38	5.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Phenanthrene	19	J	38	5.3	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Phenol	<190		190	84	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Pyrene	47		38	7.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	91		35 - 137				06/19/14 07:17	06/23/14 17:42	1
2-Fluorobiphenyl	64		25 - 119				06/19/14 07:17	06/23/14 17:42	1
2-Fluorophenol	59		25 - 110				06/19/14 07:17	06/23/14 17:42	1
Nitrobenzene-d5	63		25 - 115				06/19/14 07:17	06/23/14 17:42	1
Phenol-d5	50		31 - 110				06/19/14 07:17	06/23/14 17:42	1
Terphenyl-d14	81		36 - 134				06/19/14 07:17	06/23/14 17:42	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Barium	0.43	J	0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:27	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Cobalt	0.017	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Copper	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:27	1
Manganese	6.1		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Nickel	0.021	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Selenium	0.023	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:27	1
Zinc	<0.10		0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:27	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.051		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Barium	0.46	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 18:49	1
Beryllium	0.0053		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 18:49	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 18:49	1
Chromium	0.13		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Cobalt	0.045		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Copper	0.16		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Iron	130		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 18:49	1
Lead	0.18		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 18:49	1
Manganese	1.1		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Nickel	0.15		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-1(0-7)-061014

Lab Sample ID: 500-78550-2

Date Collected: 06/10/14 08:40

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:49	1
Zinc	0.43		0.10	0.020	mg/L		06/23/14 08:00	06/23/14 18:49	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Arsenic	6.0		0.57	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Barium	49		0.57	0.062	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Beryllium	0.49		0.23	0.046	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Cadmium	0.70		0.11	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Calcium	86000	B	110	31	mg/Kg	☼	06/17/14 10:00	06/23/14 18:48	10
Chromium	13	B	0.57	0.067	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Cobalt	7.1		0.29	0.057	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Copper	17		0.57	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Iron	15000		11	4.7	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Lead	53		0.29	0.086	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Magnesium	41000	B	5.7	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Manganese	380		0.57	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Nickel	18		0.57	0.11	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Potassium	1700	B	29	1.7	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Silver	<0.29		0.29	0.021	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Sodium	1700		57	7.7	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Thallium	0.73		0.57	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Vanadium	16	B	0.29	0.043	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1
Zinc	44	B	1.1	0.23	mg/Kg	☼	06/17/14 10:00	06/21/14 01:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:02	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.19	J	0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:59	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	25		18	7.0	ug/Kg	☼	06/13/14 12:00	06/16/14 11:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.48		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-3(0-7)-061014

Lab Sample ID: 500-78550-3

Date Collected: 06/10/14 09:07

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	57		6.0	2.6	ug/Kg	☼		06/12/14 14:51	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		06/12/14 14:51	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		06/12/14 14:51	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		06/12/14 14:51	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		06/12/14 14:51	1
Carbon disulfide	<6.0		6.0	0.90	ug/Kg	☼		06/12/14 14:51	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		06/12/14 14:51	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		06/12/14 14:51	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 14:51	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		06/12/14 14:51	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		06/12/14 14:51	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		06/12/14 14:51	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 14:51	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		06/12/14 14:51	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		06/12/14 14:51	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		06/12/14 14:51	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		06/12/14 14:51	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		06/12/14 14:51	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 14:51	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		06/12/14 14:51	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		06/12/14 14:51	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 14:51	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		06/12/14 14:51	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 14:51	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		06/12/14 14:51	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 14:51	1
1,1,1,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		06/12/14 14:51	1
Tetrachloroethene	<6.0		6.0	0.92	ug/Kg	☼		06/12/14 14:51	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		06/12/14 14:51	1
trans-1,2-Dichloroethene	<6.0		6.0	0.83	ug/Kg	☼		06/12/14 14:51	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		06/12/14 14:51	1
1,1,1-Trichloroethane	<6.0		6.0	0.90	ug/Kg	☼		06/12/14 14:51	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		06/12/14 14:51	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		06/12/14 14:51	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		06/12/14 14:51	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		06/12/14 14:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 122		06/12/14 14:51	1
Dibromofluoromethane	113		75 - 120		06/12/14 14:51	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		06/12/14 14:51	1
Toluene-d8 (Surr)	104		75 - 122		06/12/14 14:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	42	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
1,2-Dichlorobenzene	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-3(0-7)-061014

Lab Sample ID: 500-78550-3

Date Collected: 06/10/14 09:07

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,4-Dichlorophenol	<390		390	92	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,4-Dinitrophenol	<780		780	680	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2,6-Dinitrotoluene	<200		200	76	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Chlorophenol	<200		200	66	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Methylnaphthalene	<39		39	7.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Methylphenol	<200		200	62	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Nitroaniline	<200		200	52	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
3,3'-Dichlorobenzidine	<200		200	54	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Bromophenyl phenyl ether	<200		200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Chlorophenyl phenyl ether	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Acenaphthylene	<39		39	5.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Anthracene	<39		39	6.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Benzo[a]anthracene	34	J	39	5.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Benzo[a]pyrene	41		39	7.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Benzo[b]fluoranthene	54		39	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Benzo[g,h,i]perylene	37	J	39	13	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Benzo[k]fluoranthene	26	J	39	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Bis(2-chloroethyl)ether	<200		200	58	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Carbazole	<200		200	100	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Chrysene	48		39	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Dibenz(a,h)anthracene	<39		39	7.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Dibenzofuran	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Di-n-butyl phthalate	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Di-n-octyl phthalate	<200		200	63	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Fluoranthene	69		39	7.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Fluorene	<39		39	5.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Hexachlorobenzene	<78		78	9.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Hexachloroethane	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-3(0-7)-061014

Lab Sample ID: 500-78550-3

Date Collected: 06/10/14 09:07

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	30	J	39	10	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Isophorone	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Naphthalene	<39		39	6.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Nitrobenzene	<39		39	9.7	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
N-Nitrosodi-n-propylamine	<200		200	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Phenanthrene	18	J	39	5.4	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Phenol	<200		200	86	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Pyrene	68		39	7.7	ug/Kg	☼	06/19/14 07:17	06/23/14 17:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	105		35 - 137				06/19/14 07:17	06/23/14 17:59	1
2-Fluorobiphenyl	62		25 - 119				06/19/14 07:17	06/23/14 17:59	1
2-Fluorophenol	56		25 - 110				06/19/14 07:17	06/23/14 17:59	1
Nitrobenzene-d5	54		25 - 115				06/19/14 07:17	06/23/14 17:59	1
Phenol-d5	48		31 - 110				06/19/14 07:17	06/23/14 17:59	1
Terphenyl-d14	81		36 - 134				06/19/14 07:17	06/23/14 17:59	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Barium	0.57		0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:32	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:32	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Cobalt	0.011	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Copper	0.016	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:32	1
Manganese	5.4		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Nickel	0.016	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Selenium	0.023	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:32	1
Zinc	0.043	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:32	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Barium	0.36	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 18:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 18:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 18:54	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Copper	0.043		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Iron	4.7		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 18:54	1
Lead	0.13		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 18:54	1
Manganese	0.44		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Nickel	0.015	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-3(0-7)-061014

Lab Sample ID: 500-78550-3

Date Collected: 06/10/14 09:07

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:54	1
Zinc	0.088	J	0.10	0.020	mg/L		06/23/14 08:00	06/23/14 18:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.47	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Arsenic	5.8		0.58	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Barium	47		0.58	0.062	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Beryllium	0.50		0.23	0.047	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Cadmium	0.69		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Calcium	75000	B	120	32	mg/Kg	☼	06/17/14 10:00	06/23/14 18:52	10
Chromium	13	B	0.58	0.068	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Cobalt	7.4		0.29	0.058	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Copper	17		0.58	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Iron	16000		12	4.8	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Lead	16		0.29	0.087	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Magnesium	33000	B	5.8	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Manganese	310		0.58	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Nickel	20		0.58	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Potassium	1900	B	29	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Selenium	<0.58		0.58	0.21	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Silver	0.025	J	0.29	0.021	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Sodium	1300		58	7.8	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Thallium	0.77		0.58	0.25	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Vanadium	17	B	0.29	0.043	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1
Zinc	40	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 01:48	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:08	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.23		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:01	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	26		18	7.1	ug/Kg	☼	06/13/14 12:00	06/16/14 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.50		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-4(0-7)-061014

Lab Sample ID: 500-78550-4

Date Collected: 06/10/14 09:28

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 68.6

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	100		7.3	3.1	ug/Kg	☼		06/12/14 15:37	1
Benzene	<7.3		7.3	1.0	ug/Kg	☼		06/12/14 15:37	1
Bromodichloromethane	<7.3		7.3	1.3	ug/Kg	☼		06/12/14 15:37	1
Bromoform	<7.3		7.3	1.7	ug/Kg	☼		06/12/14 15:37	1
Bromomethane	<7.3		7.3	2.2	ug/Kg	☼		06/12/14 15:37	1
Carbon disulfide	<7.3		7.3	1.1	ug/Kg	☼		06/12/14 15:37	1
Carbon tetrachloride	<7.3		7.3	1.3	ug/Kg	☼		06/12/14 15:37	1
Chlorobenzene	<7.3		7.3	0.74	ug/Kg	☼		06/12/14 15:37	1
Chloroethane	<7.3		7.3	2.0	ug/Kg	☼		06/12/14 15:37	1
Chloroform	<7.3		7.3	0.84	ug/Kg	☼		06/12/14 15:37	1
Chloromethane	<7.3		7.3	1.5	ug/Kg	☼		06/12/14 15:37	1
cis-1,2-Dichloroethene	<7.3		7.3	1.0	ug/Kg	☼		06/12/14 15:37	1
cis-1,3-Dichloropropene	<7.3		7.3	0.96	ug/Kg	☼		06/12/14 15:37	1
Dibromochloromethane	<7.3		7.3	1.3	ug/Kg	☼		06/12/14 15:37	1
1,1-Dichloroethane	<7.3		7.3	1.2	ug/Kg	☼		06/12/14 15:37	1
1,2-Dichloroethane	<7.3		7.3	1.1	ug/Kg	☼		06/12/14 15:37	1
1,1-Dichloroethene	<7.3		7.3	1.2	ug/Kg	☼		06/12/14 15:37	1
1,2-Dichloropropane	<7.3		7.3	1.1	ug/Kg	☼		06/12/14 15:37	1
1,3-Dichloropropene, Total	<7.3		7.3	0.96	ug/Kg	☼		06/12/14 15:37	1
Ethylbenzene	<7.3		7.3	1.5	ug/Kg	☼		06/12/14 15:37	1
2-Hexanone	<7.3		7.3	2.1	ug/Kg	☼		06/12/14 15:37	1
Methylene Chloride	<7.3		7.3	2.0	ug/Kg	☼		06/12/14 15:37	1
Methyl Ethyl Ketone	14		7.3	2.6	ug/Kg	☼		06/12/14 15:37	1
methyl isobutyl ketone	<7.3		7.3	1.9	ug/Kg	☼		06/12/14 15:37	1
Methyl tert-butyl ether	<7.3		7.3	1.2	ug/Kg	☼		06/12/14 15:37	1
Styrene	<7.3		7.3	0.96	ug/Kg	☼		06/12/14 15:37	1
1,1,1,2-Tetrachloroethane	<7.3		7.3	1.5	ug/Kg	☼		06/12/14 15:37	1
Tetrachloroethene	<7.3		7.3	1.1	ug/Kg	☼		06/12/14 15:37	1
Toluene	<7.3		7.3	1.0	ug/Kg	☼		06/12/14 15:37	1
trans-1,2-Dichloroethene	<7.3		7.3	1.0	ug/Kg	☼		06/12/14 15:37	1
trans-1,3-Dichloropropene	<7.3		7.3	1.3	ug/Kg	☼		06/12/14 15:37	1
1,1,1-Trichloroethane	<7.3		7.3	1.1	ug/Kg	☼		06/12/14 15:37	1
1,1,2-Trichloroethane	<7.3		7.3	0.99	ug/Kg	☼		06/12/14 15:37	1
Trichloroethene	<7.3		7.3	1.2	ug/Kg	☼		06/12/14 15:37	1
Vinyl chloride	<7.3		7.3	1.5	ug/Kg	☼		06/12/14 15:37	1
Xylenes, Total	<15		15	0.66	ug/Kg	☼		06/12/14 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 122		06/12/14 15:37	1
Dibromofluoromethane	115		75 - 120		06/12/14 15:37	1
1,2-Dichloroethane-d4 (Surr)	89		70 - 134		06/12/14 15:37	1
Toluene-d8 (Surr)	107		75 - 122		06/12/14 15:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<230		230	49	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
1,2-Dichlorobenzene	<230		230	55	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
1,3-Dichlorobenzene	<230		230	52	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
1,4-Dichlorobenzene	<230		230	59	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,2'-oxybis[1-chloropropane]	<230		230	53	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-4(0-7)-061014

Lab Sample ID: 500-78550-4

Date Collected: 06/10/14 09:28

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 68.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<460		460	100	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,4,6-Trichlorophenol	<460		460	160	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,4-Dichlorophenol	<460		460	110	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,4-Dimethylphenol	<460		460	170	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,4-Dinitrophenol	<930		930	810	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,4-Dinitrotoluene	<230		230	73	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2,6-Dinitrotoluene	<230		230	90	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Chloronaphthalene	<230		230	51	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Chlorophenol	<230		230	78	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Methylnaphthalene	<46		46	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Methylphenol	<230		230	74	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Nitroaniline	<230		230	62	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
2-Nitrophenol	<460		460	110	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
3 & 4 Methylphenol	<230		230	76	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
3,3'-Dichlorobenzidine	<230		230	64	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
3-Nitroaniline	<460		460	140	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4,6-Dinitro-2-methylphenol	<460		460	370	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Bromophenyl phenyl ether	<230		230	60	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Chloro-3-methylphenol	<460		460	160	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Chloroaniline	<930		930	220	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Chlorophenyl phenyl ether	<230		230	54	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Nitroaniline	<460		460	190	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
4-Nitrophenol	<930		930	440	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Acenaphthene	<46		46	8.2	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Acenaphthylene	<46		46	6.0	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Anthracene	<46		46	7.7	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Benzo[a]anthracene	28 J		46	6.2	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Benzo[a]pyrene	30 J		46	8.9	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Benzo[b]fluoranthene	39 J		46	9.9	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Benzo[g,h,i]perylene	29 J		46	15	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Benzo[k]fluoranthene	22 J		46	14	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Bis(2-chloroethoxy)methane	<230		230	47	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Bis(2-chloroethyl)ether	<230		230	69	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Bis(2-ethylhexyl) phthalate	<230		230	84	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Butyl benzyl phthalate	<230		230	87	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Carbazole	<230		230	120	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Chrysene	43 J		46	13	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Dibenz(a,h)anthracene	<46		46	8.9	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Dibenzofuran	<230		230	54	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Diethyl phthalate	<230		230	78	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Dimethyl phthalate	<230		230	60	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Di-n-butyl phthalate	<230		230	70	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Di-n-octyl phthalate	<230		230	75	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Fluoranthene	65		46	8.5	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Fluorene	<46		46	6.4	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Hexachlorobenzene	<93		93	11	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Hexachlorobutadiene	<230		230	72	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Hexachlorocyclopentadiene	<930		930	260	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Hexachloroethane	<230		230	70	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-4(0-7)-061014

Lab Sample ID: 500-78550-4

Date Collected: 06/10/14 09:28

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 68.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	26	J	46	12	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Isophorone	<230		230	52	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Naphthalene	<46		46	7.1	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Nitrobenzene	<46		46	11	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
N-Nitrosodi-n-propylamine	<230		230	56	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
N-Nitrosodiphenylamine	<230		230	54	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Pentachlorophenol	<930		930	740	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Phenanthrene	25	J	46	6.4	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Phenol	<230		230	100	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Pyrene	58		46	9.1	ug/Kg	☼	06/19/14 07:17	06/23/14 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		35 - 137				06/19/14 07:17	06/23/14 18:16	1
2-Fluorobiphenyl	61		25 - 119				06/19/14 07:17	06/23/14 18:16	1
2-Fluorophenol	58		25 - 110				06/19/14 07:17	06/23/14 18:16	1
Nitrobenzene-d5	66		25 - 115				06/19/14 07:17	06/23/14 18:16	1
Phenol-d5	48		31 - 110				06/19/14 07:17	06/23/14 18:16	1
Terphenyl-d14	81		36 - 134				06/19/14 07:17	06/23/14 18:16	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Barium	0.58		0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:37	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Cobalt	0.044		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Copper	0.046		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Iron	0.24		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:37	1
Manganese	7.4		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Nickel	0.040		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Selenium	0.021	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:37	1
Zinc	0.091	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:37	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Barium	0.50		0.50	0.050	mg/L		06/23/14 08:00	06/23/14 18:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 18:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 18:58	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Cobalt	0.011	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Copper	0.061		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Iron	6.2		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 18:58	1
Lead	0.076		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 18:58	1
Manganese	0.68		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Nickel	0.036		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-4(0-7)-061014

Lab Sample ID: 500-78550-4

Date Collected: 06/10/14 09:28

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 18:58	1
Zinc	0.20		0.10	0.020	mg/L		06/23/14 08:00	06/23/14 18:58	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	J	1.4	0.55	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Arsenic	7.8		0.68	0.14	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Barium	68		0.68	0.073	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Beryllium	0.69		0.27	0.054	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Cadmium	0.79		0.14	0.017	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Calcium	53000	B	14	3.7	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Chromium	19	B	0.68	0.079	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Cobalt	11		0.34	0.068	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Copper	25		0.68	0.14	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Iron	20000		14	5.6	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Lead	35		0.34	0.10	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Magnesium	34000	B	6.8	1.4	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Manganese	400		0.68	0.14	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Nickel	25		0.68	0.14	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Potassium	1900	B	34	2.0	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Selenium	0.27	J	0.68	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Silver	<0.34		0.34	0.025	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Sodium	1400		68	9.1	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Thallium	1.3		0.68	0.29	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Vanadium	24	B	0.34	0.050	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1
Zinc	55	B	1.4	0.27	mg/Kg	☼	06/17/14 10:00	06/21/14 02:09	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:10	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.24		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:03	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	41		23	8.9	ug/Kg	☼	06/13/14 12:00	06/16/14 11:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.23		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(0-6)-061014

Lab Sample ID: 500-78550-5

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.0		6.0	2.6	ug/Kg	☼		06/12/14 15:59	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		06/12/14 15:59	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		06/12/14 15:59	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		06/12/14 15:59	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		06/12/14 15:59	1
Carbon disulfide	<6.0		6.0	0.90	ug/Kg	☼		06/12/14 15:59	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		06/12/14 15:59	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		06/12/14 15:59	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 15:59	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		06/12/14 15:59	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		06/12/14 15:59	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		06/12/14 15:59	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 15:59	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		06/12/14 15:59	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		06/12/14 15:59	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		06/12/14 15:59	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		06/12/14 15:59	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		06/12/14 15:59	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 15:59	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		06/12/14 15:59	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		06/12/14 15:59	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 15:59	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		06/12/14 15:59	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		06/12/14 15:59	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		06/12/14 15:59	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		06/12/14 15:59	1
1,1,1,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		06/12/14 15:59	1
Tetrachloroethene	<6.0		6.0	0.92	ug/Kg	☼		06/12/14 15:59	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		06/12/14 15:59	1
trans-1,2-Dichloroethene	<6.0		6.0	0.83	ug/Kg	☼		06/12/14 15:59	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		06/12/14 15:59	1
1,1,1-Trichloroethane	<6.0		6.0	0.90	ug/Kg	☼		06/12/14 15:59	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		06/12/14 15:59	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		06/12/14 15:59	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		06/12/14 15:59	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		06/12/14 15:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 122		06/12/14 15:59	1
Dibromofluoromethane	109		75 - 120		06/12/14 15:59	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134		06/12/14 15:59	1
Toluene-d8 (Surr)	105		75 - 122		06/12/14 15:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	42	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(0-6)-061014

Lab Sample ID: 500-78550-5

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,4-Dichlorophenol	<390		390	92	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Chlorophenol	<200		200	66	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Methylnaphthalene	<39		39	7.2	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Methylphenol	<200		200	62	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Nitroaniline	<200		200	52	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Bromophenyl phenyl ether	<200		200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Chlorophenyl phenyl ether	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Acenaphthylene	<39		39	5.1	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Anthracene	<39		39	6.5	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Benzo[a]anthracene	<39		39	5.2	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Benzo[a]pyrene	<39		39	7.5	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Benzo[b]fluoranthene	<39		39	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Benzo[g,h,i]perylene	<39		39	13	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Benzo[k]fluoranthene	<39		39	11	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Bis(2-chloroethyl)ether	<200		200	58	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Carbazole	<200		200	100	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Chrysene	<39		39	11	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Dibenz(a,h)anthracene	<39		39	7.5	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Dibenzofuran	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Di-n-butyl phthalate	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Fluoranthene	<39		39	7.2	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Fluorene	<39		39	5.5	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Hexachlorobenzene	<79		79	9.0	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Hexachlorocyclopentadiene	<790		790	220	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Hexachloroethane	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(0-6)-061014

Lab Sample ID: 500-78550-5

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<39		39	10	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Isophorone	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Naphthalene	<39		39	6.0	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Nitrobenzene	<39		39	9.7	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Pentachlorophenol	<790		790	620	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Phenanthrene	<39		39	5.4	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Phenol	<200		200	87	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Pyrene	<39		39	7.7	ug/Kg	☼	06/19/14 07:17	06/23/14 16:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		35 - 137				06/19/14 07:17	06/23/14 16:51	1
2-Fluorobiphenyl	60		25 - 119				06/19/14 07:17	06/23/14 16:51	1
2-Fluorophenol	53		25 - 110				06/19/14 07:17	06/23/14 16:51	1
Nitrobenzene-d5	63		25 - 115				06/19/14 07:17	06/23/14 16:51	1
Phenol-d5	42		31 - 110				06/19/14 07:17	06/23/14 16:51	1
Terphenyl-d14	76		36 - 134				06/19/14 07:17	06/23/14 16:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Barium	0.51		0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:42	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Cobalt	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Copper	0.020	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:42	1
Manganese	0.10		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Nickel	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Selenium	0.027	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:42	1
Zinc	0.039	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:42	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Barium	0.23	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 19:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 19:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 19:10	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Copper	0.022	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Iron	1.2		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 19:10	1
Lead	0.048		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 19:10	1
Manganese	0.076		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Nickel	0.011	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(0-6)-061014

Lab Sample ID: 500-78550-5

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:10	1
Zinc	0.059	J	0.10	0.020	mg/L		06/23/14 08:00	06/23/14 19:10	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.55	J	1.2	0.48	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Arsenic	8.2		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Barium	66		0.60	0.064	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Beryllium	0.64		0.24	0.048	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Cadmium	0.75		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Calcium	40000	B	12	3.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Chromium	17	B	0.60	0.070	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Cobalt	11		0.30	0.060	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Copper	25		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Iron	21000		12	4.9	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Lead	19		0.30	0.089	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Magnesium	23000	B	6.0	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Manganese	460		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Nickel	26		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Potassium	1800	B	30	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Selenium	0.24	J	0.60	0.21	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Silver	0.031	J	0.30	0.022	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Sodium	290		60	8.0	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Thallium	1.2		0.60	0.25	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Vanadium	21	B	0.30	0.044	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1
Zinc	50	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:15	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:12	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	J	0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:05	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	27		17	6.8	ug/Kg	☼	06/13/14 12:00	06/16/14 11:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.91		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(6-13)-061014

Lab Sample ID: 500-78550-6

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 78.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.4		6.4	2.7	ug/Kg	☼		06/12/14 16:22	1
Benzene	<6.4		6.4	0.87	ug/Kg	☼		06/12/14 16:22	1
Bromodichloromethane	<6.4		6.4	1.1	ug/Kg	☼		06/12/14 16:22	1
Bromoform	<6.4		6.4	1.5	ug/Kg	☼		06/12/14 16:22	1
Bromomethane	<6.4		6.4	1.9	ug/Kg	☼		06/12/14 16:22	1
Carbon disulfide	<6.4		6.4	0.95	ug/Kg	☼		06/12/14 16:22	1
Carbon tetrachloride	<6.4		6.4	1.2	ug/Kg	☼		06/12/14 16:22	1
Chlorobenzene	<6.4		6.4	0.64	ug/Kg	☼		06/12/14 16:22	1
Chloroethane	<6.4		6.4	1.7	ug/Kg	☼		06/12/14 16:22	1
Chloroform	<6.4		6.4	0.73	ug/Kg	☼		06/12/14 16:22	1
Chloromethane	<6.4		6.4	1.3	ug/Kg	☼		06/12/14 16:22	1
cis-1,2-Dichloroethene	<6.4		6.4	0.90	ug/Kg	☼		06/12/14 16:22	1
cis-1,3-Dichloropropene	<6.4		6.4	0.83	ug/Kg	☼		06/12/14 16:22	1
Dibromochloromethane	<6.4		6.4	1.1	ug/Kg	☼		06/12/14 16:22	1
1,1-Dichloroethane	<6.4		6.4	1.0	ug/Kg	☼		06/12/14 16:22	1
1,2-Dichloroethane	<6.4		6.4	0.94	ug/Kg	☼		06/12/14 16:22	1
1,1-Dichloroethene	<6.4		6.4	1.0	ug/Kg	☼		06/12/14 16:22	1
1,2-Dichloropropane	<6.4		6.4	0.96	ug/Kg	☼		06/12/14 16:22	1
1,3-Dichloropropene, Total	<6.4		6.4	0.83	ug/Kg	☼		06/12/14 16:22	1
Ethylbenzene	<6.4		6.4	1.3	ug/Kg	☼		06/12/14 16:22	1
2-Hexanone	<6.4		6.4	1.8	ug/Kg	☼		06/12/14 16:22	1
Methylene Chloride	<6.4		6.4	1.7	ug/Kg	☼		06/12/14 16:22	1
Methyl Ethyl Ketone	<6.4		6.4	2.3	ug/Kg	☼		06/12/14 16:22	1
methyl isobutyl ketone	<6.4		6.4	1.7	ug/Kg	☼		06/12/14 16:22	1
Methyl tert-butyl ether	<6.4		6.4	1.0	ug/Kg	☼		06/12/14 16:22	1
Styrene	<6.4		6.4	0.83	ug/Kg	☼		06/12/14 16:22	1
1,1,1,2-Tetrachloroethane	<6.4		6.4	1.3	ug/Kg	☼		06/12/14 16:22	1
Tetrachloroethene	<6.4		6.4	0.97	ug/Kg	☼		06/12/14 16:22	1
Toluene	<6.4		6.4	0.89	ug/Kg	☼		06/12/14 16:22	1
trans-1,2-Dichloroethene	<6.4		6.4	0.87	ug/Kg	☼		06/12/14 16:22	1
trans-1,3-Dichloropropene	<6.4		6.4	1.1	ug/Kg	☼		06/12/14 16:22	1
1,1,1-Trichloroethane	<6.4		6.4	0.95	ug/Kg	☼		06/12/14 16:22	1
1,1,2-Trichloroethane	<6.4		6.4	0.87	ug/Kg	☼		06/12/14 16:22	1
Trichloroethene	<6.4		6.4	1.0	ug/Kg	☼		06/12/14 16:22	1
Vinyl chloride	<6.4		6.4	1.3	ug/Kg	☼		06/12/14 16:22	1
Xylenes, Total	<13		13	0.58	ug/Kg	☼		06/12/14 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 122		06/12/14 16:22	1
Dibromofluoromethane	116		75 - 120		06/12/14 16:22	1
1,2-Dichloroethane-d4 (Surr)	93		70 - 134		06/12/14 16:22	1
Toluene-d8 (Surr)	101		75 - 122		06/12/14 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<210		210	45	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
1,2-Dichlorobenzene	<210		210	50	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
1,3-Dichlorobenzene	<210		210	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
1,4-Dichlorobenzene	<210		210	54	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,2'-oxybis[1-chloropropane]	<210		210	49	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(6-13)-061014

Lab Sample ID: 500-78550-6

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<420		420	96	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,4,6-Trichlorophenol	<420		420	140	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,4-Dichlorophenol	<420		420	100	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,4-Dimethylphenol	<420		420	160	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,4-Dinitrophenol	<850		850	740	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,4-Dinitrotoluene	<210		210	67	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2,6-Dinitrotoluene	<210		210	83	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Chloronaphthalene	<210		210	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Chlorophenol	<210		210	72	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Methylnaphthalene	<42		42	7.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Methylphenol	<210		210	68	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Nitroaniline	<210		210	57	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
2-Nitrophenol	<420		420	100	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
3 & 4 Methylphenol	<210		210	70	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
3,3'-Dichlorobenzidine	<210		210	59	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
3-Nitroaniline	<420		420	130	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4,6-Dinitro-2-methylphenol	<420		420	340	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Bromophenyl phenyl ether	<210		210	56	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Chloro-3-methylphenol	<420		420	140	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Chloroaniline	<850		850	200	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Chlorophenyl phenyl ether	<210		210	49	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Nitroaniline	<420		420	180	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
4-Nitrophenol	<850		850	400	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Acenaphthene	<42		42	7.6	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Acenaphthylene	<42		42	5.6	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Anthracene	<42		42	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Benzo[a]anthracene	<42		42	5.7	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Benzo[a]pyrene	<42		42	8.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Benzo[b]fluoranthene	12 J		42	9.1	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Benzo[g,h,i]perylene	<42		42	14	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Benzo[k]fluoranthene	<42		42	12	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Bis(2-chloroethoxy)methane	<210		210	43	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Bis(2-chloroethyl)ether	<210		210	63	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Bis(2-ethylhexyl) phthalate	<210		210	77	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Butyl benzyl phthalate	<210		210	80	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Carbazole	<210		210	110	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Chrysene	12 J		42	12	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Dibenz(a,h)anthracene	<42		42	8.2	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Dibenzofuran	<210		210	49	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Diethyl phthalate	<210		210	71	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Dimethyl phthalate	<210		210	55	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Di-n-butyl phthalate	<210		210	64	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Di-n-octyl phthalate	<210		210	69	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Fluoranthene	13 J		42	7.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Fluorene	<42		42	5.9	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Hexachlorobenzene	<85		85	9.8	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Hexachlorobutadiene	<210		210	66	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Hexachlorocyclopentadiene	<850		850	240	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Hexachloroethane	<210		210	64	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(6-13)-061014

Lab Sample ID: 500-78550-6

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<42		42	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Isophorone	<210		210	47	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Naphthalene	<42		42	6.5	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Nitrobenzene	<42		42	11	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
N-Nitrosodi-n-propylamine	<210		210	52	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
N-Nitrosodiphenylamine	<210		210	50	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Pentachlorophenol	<850		850	680	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Phenanthrene	9.0	J	42	5.9	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Phenol	<210		210	94	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Pyrene	12	J	42	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 17:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	42		35 - 137				06/19/14 07:17	06/23/14 17:07	1
2-Fluorobiphenyl	66		25 - 119				06/19/14 07:17	06/23/14 17:07	1
2-Fluorophenol	58		25 - 110				06/19/14 07:17	06/23/14 17:07	1
Nitrobenzene-d5	65		25 - 115				06/19/14 07:17	06/23/14 17:07	1
Phenol-d5	46		31 - 110				06/19/14 07:17	06/23/14 17:07	1
Terphenyl-d14	85		36 - 134				06/19/14 07:17	06/23/14 17:07	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Barium	0.51		0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:47	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Cobalt	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Copper	0.044		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Iron	0.27		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:47	1
Manganese	0.24		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Nickel	0.018	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Selenium	0.020	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:47	1
Zinc	0.072	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:47	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Barium	0.14	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 19:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 19:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 19:14	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Copper	0.036		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Iron	1.2		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 19:14	1
Lead	0.034		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 19:14	1
Manganese	0.084		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Nickel	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-5(6-13)-061014

Lab Sample ID: 500-78550-6

Date Collected: 06/10/14 10:05

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:14	1
Zinc	0.11		0.10	0.020	mg/L		06/23/14 08:00	06/23/14 19:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.49	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Arsenic	9.3		0.61	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Barium	64		0.61	0.065	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Beryllium	0.59		0.24	0.048	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Cadmium	0.77		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Calcium	55000	B	12	3.3	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Chromium	16	B	0.61	0.070	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Cobalt	9.4		0.30	0.061	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Copper	22		0.61	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Iron	19000		12	5.0	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Lead	71		0.30	0.090	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Magnesium	34000	B	6.1	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Manganese	460		0.61	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Nickel	24		0.61	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Potassium	1800	B	30	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Selenium	<0.61		0.61	0.22	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Silver	0.035	J	0.30	0.022	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Sodium	610		61	8.1	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Thallium	1.1		0.61	0.26	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Vanadium	20	B	0.30	0.045	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1
Zinc	52	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:14	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:07	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	24		19	7.4	ug/Kg	☼	06/13/14 12:00	06/16/14 11:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.05		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-6(0-7)-061014

Lab Sample ID: 500-78550-7

Date Collected: 06/10/14 10:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 81.4

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11		6.1	2.7	ug/Kg	☼		06/12/14 16:45	1
Benzene	<6.1		6.1	0.84	ug/Kg	☼		06/12/14 16:45	1
Bromodichloromethane	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 16:45	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		06/12/14 16:45	1
Bromomethane	<6.1		6.1	1.9	ug/Kg	☼		06/12/14 16:45	1
Carbon disulfide	<6.1		6.1	0.92	ug/Kg	☼		06/12/14 16:45	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 16:45	1
Chlorobenzene	<6.1		6.1	0.62	ug/Kg	☼		06/12/14 16:45	1
Chloroethane	<6.1		6.1	1.7	ug/Kg	☼		06/12/14 16:45	1
Chloroform	<6.1		6.1	0.71	ug/Kg	☼		06/12/14 16:45	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		06/12/14 16:45	1
cis-1,2-Dichloroethene	<6.1		6.1	0.87	ug/Kg	☼		06/12/14 16:45	1
cis-1,3-Dichloropropene	<6.1		6.1	0.81	ug/Kg	☼		06/12/14 16:45	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 16:45	1
1,1-Dichloroethane	<6.1		6.1	0.97	ug/Kg	☼		06/12/14 16:45	1
1,2-Dichloroethane	<6.1		6.1	0.91	ug/Kg	☼		06/12/14 16:45	1
1,1-Dichloroethene	<6.1		6.1	0.99	ug/Kg	☼		06/12/14 16:45	1
1,2-Dichloropropane	<6.1		6.1	0.93	ug/Kg	☼		06/12/14 16:45	1
1,3-Dichloropropene, Total	<6.1		6.1	0.81	ug/Kg	☼		06/12/14 16:45	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		06/12/14 16:45	1
2-Hexanone	<6.1		6.1	1.8	ug/Kg	☼		06/12/14 16:45	1
Methylene Chloride	<6.1		6.1	1.7	ug/Kg	☼		06/12/14 16:45	1
Methyl Ethyl Ketone	<6.1		6.1	2.2	ug/Kg	☼		06/12/14 16:45	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		06/12/14 16:45	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		06/12/14 16:45	1
Styrene	<6.1		6.1	0.81	ug/Kg	☼		06/12/14 16:45	1
1,1,1,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		06/12/14 16:45	1
Tetrachloroethene	<6.1		6.1	0.94	ug/Kg	☼		06/12/14 16:45	1
Toluene	<6.1		6.1	0.86	ug/Kg	☼		06/12/14 16:45	1
trans-1,2-Dichloroethene	<6.1		6.1	0.85	ug/Kg	☼		06/12/14 16:45	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 16:45	1
1,1,1-Trichloroethane	<6.1		6.1	0.92	ug/Kg	☼		06/12/14 16:45	1
1,1,2-Trichloroethane	<6.1		6.1	0.84	ug/Kg	☼		06/12/14 16:45	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		06/12/14 16:45	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		06/12/14 16:45	1
Xylenes, Total	<12		12	0.56	ug/Kg	☼		06/12/14 16:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 122		06/12/14 16:45	1
Dibromofluoromethane	112		75 - 120		06/12/14 16:45	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134		06/12/14 16:45	1
Toluene-d8 (Surr)	101		75 - 122		06/12/14 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<1000		1000	210	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
1,2-Dichlorobenzene	<1000		1000	240	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
1,3-Dichlorobenzene	<1000		1000	220	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
1,4-Dichlorobenzene	<1000		1000	250	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,2'-oxybis[1-chloropropane]	<1000		1000	230	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-6(0-7)-061014

Lab Sample ID: 500-78550-7

Date Collected: 06/10/14 10:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<2000		2000	450	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,4,6-Trichlorophenol	<2000		2000	680	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,4-Dichlorophenol	<2000		2000	470	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,4-Dimethylphenol	<2000		2000	750	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,4-Dinitrophenol	<4000		4000	3500	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,4-Dinitrotoluene	<1000		1000	310	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2,6-Dinitrotoluene	<1000		1000	390	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Chloronaphthalene	<1000		1000	220	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Chlorophenol	<1000		1000	340	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Methylnaphthalene	<200		200	36	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Methylphenol	<1000		1000	320	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Nitroaniline	<1000		1000	270	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
2-Nitrophenol	<2000		2000	470	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
3 & 4 Methylphenol	<1000		1000	330	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
3,3'-Dichlorobenzidine	<1000		1000	280	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
3-Nitroaniline	<2000		2000	610	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4,6-Dinitro-2-methylphenol	<2000		2000	1600	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Bromophenyl phenyl ether	<1000		1000	260	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Chloro-3-methylphenol	<2000		2000	670	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Chloroaniline	<4000		4000	930	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Chlorophenyl phenyl ether	<1000		1000	230	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Nitroaniline	<2000		2000	830	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
4-Nitrophenol	<4000		4000	1900	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Acenaphthene	<200		200	36	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Acenaphthylene	<200		200	26	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Anthracene	<200		200	33	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Benzo[a]anthracene	78 J		200	27	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Benzo[a]pyrene	120 J		200	38	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Benzo[b]fluoranthene	150 J		200	43	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Benzo[g,h,i]perylene	140 J		200	64	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Benzo[k]fluoranthene	94 J		200	58	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Bis(2-chloroethoxy)methane	<1000		1000	200	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Bis(2-chloroethyl)ether	<1000		1000	300	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Bis(2-ethylhexyl) phthalate	<1000		1000	360	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Butyl benzyl phthalate	<1000		1000	380	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Carbazole	<1000		1000	510	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Chrysene	110 J		200	54	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Dibenz(a,h)anthracene	<200		200	38	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Dibenzofuran	<1000		1000	230	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Diethyl phthalate	<1000		1000	340	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Dimethyl phthalate	<1000		1000	260	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Di-n-butyl phthalate	<1000		1000	300	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Di-n-octyl phthalate	<1000		1000	320	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Fluoranthene	160 J		200	37	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Fluorene	<200		200	28	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Hexachlorobenzene	<400		400	46	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Hexachlorobutadiene	<1000		1000	310	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Hexachlorocyclopentadiene	<4000		4000	1100	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Hexachloroethane	<1000		1000	300	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-6(0-7)-061014

Lab Sample ID: 500-78550-7

Date Collected: 06/10/14 10:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 81.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	100	J	200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Isophorone	<1000		1000	220	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Naphthalene	<200		200	30	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Nitrobenzene	<200		200	49	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
N-Nitrosodi-n-propylamine	<1000		1000	240	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
N-Nitrosodiphenylamine	<1000		1000	230	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Pentachlorophenol	<4000		4000	3200	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Phenanthrene	86	J	200	28	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Phenol	<1000		1000	440	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Pyrene	160	J	200	39	ug/Kg	☼	06/19/14 07:17	06/23/14 18:33	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		35 - 137				06/19/14 07:17	06/23/14 18:33	5
2-Fluorobiphenyl	56		25 - 119				06/19/14 07:17	06/23/14 18:33	5
2-Fluorophenol	58		25 - 110				06/19/14 07:17	06/23/14 18:33	5
Nitrobenzene-d5	55		25 - 115				06/19/14 07:17	06/23/14 18:33	5
Phenol-d5	47		31 - 110				06/19/14 07:17	06/23/14 18:33	5
Terphenyl-d14	67		36 - 134				06/19/14 07:17	06/23/14 18:33	5

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Barium	0.56		0.50	0.050	mg/L		06/21/14 09:00	06/24/14 19:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 19:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 19:52	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Cobalt	0.022	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Copper	0.031		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 19:52	1
Lead	0.012		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 19:52	1
Manganese	3.8		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Nickel	0.033		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Selenium	0.024	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 19:52	1
Zinc	0.046	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 19:52	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Barium	0.22	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 19:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 19:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 19:18	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Copper	0.032		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Iron	1.8		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 19:18	1
Lead	0.014		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 19:18	1
Manganese	0.073		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Nickel	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-6(0-7)-061014

Lab Sample ID: 500-78550-7

Date Collected: 06/10/14 10:40

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:18	1
Zinc	0.085	J	0.10	0.020	mg/L		06/23/14 08:00	06/23/14 19:18	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.49	J	1.2	0.47	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Arsenic	7.9		0.59	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Barium	100		0.59	0.063	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Beryllium	0.62		0.24	0.047	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Cadmium	0.70		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Calcium	42000	B	12	3.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Chromium	18	B	0.59	0.069	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Cobalt	7.1		0.30	0.059	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Copper	24		0.59	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Iron	20000		12	4.9	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Lead	71		0.30	0.088	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Magnesium	23000	B	5.9	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Manganese	350		0.59	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Nickel	20		0.59	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Potassium	1800	B	30	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Selenium	0.22	J	0.59	0.21	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Silver	0.057	J	0.30	0.021	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Sodium	750		59	7.9	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Thallium	1.0		0.59	0.25	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Vanadium	22	B	0.30	0.044	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1
Zinc	53	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:28	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:16	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.14	J	0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:13	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	23		19	7.4	ug/Kg	☼	06/13/14 12:00	06/16/14 11:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.09		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-7(0-7)-061014

Lab Sample ID: 500-78550-8

Date Collected: 06/10/14 10:55

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 82.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.1		6.1	2.6	ug/Kg	☼		06/12/14 17:08	1
Benzene	<6.1		6.1	0.84	ug/Kg	☼		06/12/14 17:08	1
Bromodichloromethane	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 17:08	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		06/12/14 17:08	1
Bromomethane	<6.1		6.1	1.8	ug/Kg	☼		06/12/14 17:08	1
Carbon disulfide	<6.1		6.1	0.91	ug/Kg	☼		06/12/14 17:08	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 17:08	1
Chlorobenzene	<6.1		6.1	0.62	ug/Kg	☼		06/12/14 17:08	1
Chloroethane	<6.1		6.1	1.7	ug/Kg	☼		06/12/14 17:08	1
Chloroform	<6.1		6.1	0.70	ug/Kg	☼		06/12/14 17:08	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		06/12/14 17:08	1
cis-1,2-Dichloroethene	<6.1		6.1	0.86	ug/Kg	☼		06/12/14 17:08	1
cis-1,3-Dichloropropene	<6.1		6.1	0.80	ug/Kg	☼		06/12/14 17:08	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 17:08	1
1,1-Dichloroethane	<6.1		6.1	0.97	ug/Kg	☼		06/12/14 17:08	1
1,2-Dichloroethane	<6.1		6.1	0.90	ug/Kg	☼		06/12/14 17:08	1
1,1-Dichloroethene	<6.1		6.1	0.99	ug/Kg	☼		06/12/14 17:08	1
1,2-Dichloropropane	<6.1		6.1	0.93	ug/Kg	☼		06/12/14 17:08	1
1,3-Dichloropropene, Total	<6.1		6.1	0.80	ug/Kg	☼		06/12/14 17:08	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		06/12/14 17:08	1
2-Hexanone	<6.1		6.1	1.8	ug/Kg	☼		06/12/14 17:08	1
Methylene Chloride	<6.1		6.1	1.6	ug/Kg	☼		06/12/14 17:08	1
Methyl Ethyl Ketone	<6.1		6.1	2.2	ug/Kg	☼		06/12/14 17:08	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		06/12/14 17:08	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		06/12/14 17:08	1
Styrene	<6.1		6.1	0.80	ug/Kg	☼		06/12/14 17:08	1
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		06/12/14 17:08	1
Tetrachloroethene	<6.1		6.1	0.93	ug/Kg	☼		06/12/14 17:08	1
Toluene	<6.1		6.1	0.85	ug/Kg	☼		06/12/14 17:08	1
trans-1,2-Dichloroethene	<6.1		6.1	0.84	ug/Kg	☼		06/12/14 17:08	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		06/12/14 17:08	1
1,1,1-Trichloroethane	<6.1		6.1	0.91	ug/Kg	☼		06/12/14 17:08	1
1,1,2-Trichloroethane	<6.1		6.1	0.83	ug/Kg	☼		06/12/14 17:08	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		06/12/14 17:08	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		06/12/14 17:08	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		06/12/14 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 122		06/12/14 17:08	1
Dibromofluoromethane	117		75 - 120		06/12/14 17:08	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134		06/12/14 17:08	1
Toluene-d8 (Surr)	102		75 - 122		06/12/14 17:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	42	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-7(0-7)-061014

Lab Sample ID: 500-78550-8

Date Collected: 06/10/14 10:55

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Chlorophenol	<200		200	67	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Methylnaphthalene	<39		39	7.2	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Methylphenol	<200		200	63	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Bromophenyl phenyl ether	<200		200	52	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Acenaphthylene	<39		39	5.2	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Anthracene	38	J	39	6.5	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Benzo[a]anthracene	160		39	5.3	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Benzo[a]pyrene	160		39	7.6	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Benzo[b]fluoranthene	230		39	8.4	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Benzo[g,h,i]perylene	120		39	13	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Benzo[k]fluoranthene	140		39	12	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Bis(2-ethylhexyl) phthalate	<200		200	72	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Carbazole	<200		200	100	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Chrysene	210		39	11	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Dibenz(a,h)anthracene	<39		39	7.6	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Dibenzofuran	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Di-n-butyl phthalate	<200		200	60	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Fluoranthene	450		39	7.3	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Fluorene	<39		39	5.5	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Hexachlorobenzene	<79		79	9.1	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Hexachlorocyclopentadiene	<790		790	230	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Hexachloroethane	<200		200	59	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-7(0-7)-061014

Lab Sample ID: 500-78550-8

Date Collected: 06/10/14 10:55

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	100		39	10	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Isophorone	<200		200	44	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Naphthalene	<39		39	6.0	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Nitrobenzene	<39		39	9.8	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Pentachlorophenol	<790		790	630	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Phenanthrene	180		39	5.5	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Phenol	<200		200	87	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Pyrene	370		39	7.8	ug/Kg	☼	06/19/14 07:17	06/23/14 18:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	77		35 - 137				06/19/14 07:17	06/23/14 18:50	1
2-Fluorobiphenyl	56		25 - 119				06/19/14 07:17	06/23/14 18:50	1
2-Fluorophenol	52		25 - 110				06/19/14 07:17	06/23/14 18:50	1
Nitrobenzene-d5	60		25 - 115				06/19/14 07:17	06/23/14 18:50	1
Phenol-d5	40		31 - 110				06/19/14 07:17	06/23/14 18:50	1
Terphenyl-d14	74		36 - 134				06/19/14 07:17	06/23/14 18:50	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Barium	0.45	J	0.50	0.050	mg/L		06/21/14 09:00	06/24/14 20:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 20:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 20:05	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Cobalt	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Copper	0.14		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Iron	0.21		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 20:05	1
Lead	0.0083		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 20:05	1
Manganese	0.45		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Nickel	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Selenium	0.023	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:05	1
Zinc	0.092	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 20:05	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Barium	0.18	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 19:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 19:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 19:22	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Copper	0.038		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Iron	2.5		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 19:22	1
Lead	0.012		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 19:22	1
Manganese	0.080		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Nickel	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-7(0-7)-061014

Lab Sample ID: 500-78550-8

Date Collected: 06/10/14 10:55

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:22	1
Zinc	0.091	J	0.10	0.020	mg/L		06/23/14 08:00	06/23/14 19:22	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.48	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Arsenic	9.4		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Barium	54		0.60	0.064	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Beryllium	0.56		0.24	0.048	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Cadmium	0.78		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Calcium	81000	B	120	33	mg/Kg	☼	06/17/14 10:00	06/23/14 18:56	10
Chromium	17	B	0.60	0.070	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Cobalt	6.5		0.30	0.060	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Copper	25		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Iron	21000		12	4.9	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Lead	11		0.30	0.090	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Magnesium	28000	B	6.0	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Manganese	260		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Nickel	21		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Potassium	2000	B	30	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Selenium	<0.60		0.60	0.21	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Silver	0.046	J	0.30	0.022	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Sodium	800		60	8.1	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Thallium	1.1		0.60	0.25	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Vanadium	22	B	0.30	0.045	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1
Zinc	66	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:18	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:19	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	17	J	18	7.1	ug/Kg	☼	06/13/14 12:00	06/16/14 11:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.78		0.200	0.200	SU			06/24/14 15:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-8(0-7)-061014

Lab Sample ID: 500-78550-9

Date Collected: 06/10/14 11:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 80.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25		6.2	2.7	ug/Kg	☼		06/12/14 17:31	1
Benzene	<6.2		6.2	0.85	ug/Kg	☼		06/12/14 17:31	1
Bromodichloromethane	<6.2		6.2	1.1	ug/Kg	☼		06/12/14 17:31	1
Bromoform	<6.2		6.2	1.4	ug/Kg	☼		06/12/14 17:31	1
Bromomethane	<6.2		6.2	1.9	ug/Kg	☼		06/12/14 17:31	1
Carbon disulfide	<6.2		6.2	0.92	ug/Kg	☼		06/12/14 17:31	1
Carbon tetrachloride	<6.2		6.2	1.1	ug/Kg	☼		06/12/14 17:31	1
Chlorobenzene	<6.2		6.2	0.63	ug/Kg	☼		06/12/14 17:31	1
Chloroethane	<6.2		6.2	1.7	ug/Kg	☼		06/12/14 17:31	1
Chloroform	<6.2		6.2	0.71	ug/Kg	☼		06/12/14 17:31	1
Chloromethane	<6.2		6.2	1.3	ug/Kg	☼		06/12/14 17:31	1
cis-1,2-Dichloroethene	<6.2		6.2	0.87	ug/Kg	☼		06/12/14 17:31	1
cis-1,3-Dichloropropene	<6.2		6.2	0.81	ug/Kg	☼		06/12/14 17:31	1
Dibromochloromethane	<6.2		6.2	1.1	ug/Kg	☼		06/12/14 17:31	1
1,1-Dichloroethane	<6.2		6.2	0.98	ug/Kg	☼		06/12/14 17:31	1
1,2-Dichloroethane	<6.2		6.2	0.92	ug/Kg	☼		06/12/14 17:31	1
1,1-Dichloroethene	<6.2		6.2	1.0	ug/Kg	☼		06/12/14 17:31	1
1,2-Dichloropropane	<6.2		6.2	0.94	ug/Kg	☼		06/12/14 17:31	1
1,3-Dichloropropene, Total	<6.2		6.2	0.81	ug/Kg	☼		06/12/14 17:31	1
Ethylbenzene	<6.2		6.2	1.2	ug/Kg	☼		06/12/14 17:31	1
2-Hexanone	<6.2		6.2	1.8	ug/Kg	☼		06/12/14 17:31	1
Methylene Chloride	<6.2		6.2	1.7	ug/Kg	☼		06/12/14 17:31	1
Methyl Ethyl Ketone	2.8 J		6.2	2.2	ug/Kg	☼		06/12/14 17:31	1
methyl isobutyl ketone	<6.2		6.2	1.6	ug/Kg	☼		06/12/14 17:31	1
Methyl tert-butyl ether	<6.2		6.2	1.0	ug/Kg	☼		06/12/14 17:31	1
Styrene	<6.2		6.2	0.81	ug/Kg	☼		06/12/14 17:31	1
1,1,2,2-Tetrachloroethane	<6.2		6.2	1.2	ug/Kg	☼		06/12/14 17:31	1
Tetrachloroethene	<6.2		6.2	0.94	ug/Kg	☼		06/12/14 17:31	1
Toluene	<6.2		6.2	0.87	ug/Kg	☼		06/12/14 17:31	1
trans-1,2-Dichloroethene	<6.2		6.2	0.85	ug/Kg	☼		06/12/14 17:31	1
trans-1,3-Dichloropropene	<6.2		6.2	1.1	ug/Kg	☼		06/12/14 17:31	1
1,1,1-Trichloroethane	<6.2		6.2	0.92	ug/Kg	☼		06/12/14 17:31	1
1,1,2-Trichloroethane	<6.2		6.2	0.84	ug/Kg	☼		06/12/14 17:31	1
Trichloroethene	<6.2		6.2	1.0	ug/Kg	☼		06/12/14 17:31	1
Vinyl chloride	<6.2		6.2	1.3	ug/Kg	☼		06/12/14 17:31	1
Xylenes, Total	<12		12	0.56	ug/Kg	☼		06/12/14 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 122		06/12/14 17:31	1
Dibromofluoromethane	113		75 - 120		06/12/14 17:31	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 134		06/12/14 17:31	1
Toluene-d8 (Surr)	102		75 - 122		06/12/14 17:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<990		990	210	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
1,2-Dichlorobenzene	<990		990	240	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
1,3-Dichlorobenzene	<990		990	220	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
1,4-Dichlorobenzene	<990		990	250	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,2'-oxybis[1-chloropropane]	<990		990	230	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-8(0-7)-061014

Lab Sample ID: 500-78550-9

Date Collected: 06/10/14 11:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<2000		2000	450	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,4,6-Trichlorophenol	<2000		2000	680	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,4-Dichlorophenol	<2000		2000	470	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,4-Dimethylphenol	<2000		2000	750	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,4-Dinitrophenol	<4000		4000	3500	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,4-Dinitrotoluene	<990		990	310	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2,6-Dinitrotoluene	<990		990	390	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Chloronaphthalene	<990		990	220	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Chlorophenol	<990		990	340	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Methylnaphthalene	<200		200	36	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Methylphenol	<990		990	320	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Nitroaniline	<990		990	260	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
2-Nitrophenol	<2000		2000	470	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
3 & 4 Methylphenol	<990		990	330	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
3,3'-Dichlorobenzidine	<990		990	280	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
3-Nitroaniline	<2000		2000	610	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4,6-Dinitro-2-methylphenol	<2000		2000	1600	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Bromophenyl phenyl ether	<990		990	260	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Chloro-3-methylphenol	<2000		2000	670	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Chloroaniline	<4000		4000	920	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Chlorophenyl phenyl ether	<990		990	230	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Nitroaniline	<2000		2000	820	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
4-Nitrophenol	<4000		4000	1900	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Acenaphthene	<200		200	35	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Acenaphthylene	<200		200	26	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Anthracene	<200		200	33	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Benzo[a]anthracene	66 J		200	26	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Benzo[a]pyrene	82 J		200	38	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Benzo[b]fluoranthene	140 J		200	42	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Benzo[g,h,i]perylene	80 J		200	63	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Benzo[k]fluoranthene	140 J		200	58	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Bis(2-chloroethoxy)methane	<990		990	200	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Bis(2-chloroethyl)ether	<990		990	300	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Bis(2-ethylhexyl) phthalate	<990		990	360	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Butyl benzyl phthalate	<990		990	370	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Carbazole	<990		990	510	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Chrysene	90 J		200	54	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Dibenz(a,h)anthracene	<200		200	38	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Dibenzofuran	<990		990	230	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Diethyl phthalate	<990		990	330	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Dimethyl phthalate	<990		990	260	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Di-n-butyl phthalate	<990		990	300	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Di-n-octyl phthalate	<990		990	320	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Fluoranthene	130 J		200	37	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Fluorene	<200		200	28	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Hexachlorobenzene	<400		400	46	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Hexachlorobutadiene	<990		990	310	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Hexachlorocyclopentadiene	<4000		4000	1100	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Hexachloroethane	<990		990	300	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-8(0-7)-061014

Lab Sample ID: 500-78550-9

Date Collected: 06/10/14 11:40

Matrix: Solid

Date Received: 06/11/14 06:30

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	68	J	200	51	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Isophorone	<990		990	220	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Naphthalene	<200		200	30	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Nitrobenzene	<200		200	49	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
N-Nitrosodi-n-propylamine	<990		990	240	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
N-Nitrosodiphenylamine	<990		990	230	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Pentachlorophenol	<4000		4000	3200	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Phenanthrene	42	J	200	27	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Phenol	<990		990	440	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Pyrene	120	J	200	39	ug/Kg	☼	06/19/14 07:17	06/23/14 19:07	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	98		35 - 137				06/19/14 07:17	06/23/14 19:07	5
2-Fluorobiphenyl	61		25 - 119				06/19/14 07:17	06/23/14 19:07	5
2-Fluorophenol	55		25 - 110				06/19/14 07:17	06/23/14 19:07	5
Nitrobenzene-d5	49		25 - 115				06/19/14 07:17	06/23/14 19:07	5
Phenol-d5	38		31 - 110				06/19/14 07:17	06/23/14 19:07	5
Terphenyl-d14	74		36 - 134				06/19/14 07:17	06/23/14 19:07	5

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Barium	0.49	J	0.50	0.050	mg/L		06/21/14 09:00	06/24/14 20:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/21/14 09:00	06/24/14 20:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/21/14 09:00	06/24/14 20:11	1
Chromium	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Cobalt	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Copper	0.063		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Iron	<0.20		0.20	0.20	mg/L		06/21/14 09:00	06/24/14 20:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		06/21/14 09:00	06/24/14 20:11	1
Manganese	3.1		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Nickel	0.022	J	0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Selenium	0.023	J B	0.050	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Silver	<0.025		0.025	0.010	mg/L		06/21/14 09:00	06/24/14 20:11	1
Zinc	0.058	J	0.10	0.020	mg/L		06/21/14 09:00	06/24/14 20:11	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Barium	0.43	J	0.50	0.050	mg/L		06/23/14 08:00	06/23/14 19:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		06/23/14 08:00	06/23/14 19:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		06/23/14 08:00	06/23/14 19:26	1
Chromium	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Cobalt	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Copper	0.048		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Iron	3.8		0.20	0.20	mg/L		06/23/14 08:00	06/23/14 19:26	1
Lead	0.037		0.0075	0.0075	mg/L		06/23/14 08:00	06/23/14 19:26	1
Manganese	0.37		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Nickel	0.017	J	0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Selenium	<0.050		0.050	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Client Sample ID: RE2-8(0-7)-061014

Lab Sample ID: 500-78550-9

Date Collected: 06/10/14 11:40

Matrix: Solid

Date Received: 06/11/14 06:30

Method: 6010B - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		06/23/14 08:00	06/23/14 19:26	1
Zinc	0.091	J	0.10	0.020	mg/L		06/23/14 08:00	06/23/14 19:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.48	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Arsenic	8.1		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Barium	52		0.60	0.065	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Beryllium	0.63		0.24	0.048	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Cadmium	0.70		0.12	0.015	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Calcium	41000	B	12	3.3	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Chromium	20	B	0.60	0.070	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Cobalt	7.4		0.30	0.060	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Copper	26		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Iron	21000		12	5.0	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Lead	13		0.30	0.090	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Magnesium	23000	B	6.0	1.2	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Manganese	310		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Nickel	23		0.60	0.12	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Potassium	1900	B	30	1.8	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Selenium	<0.60		0.60	0.21	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Silver	0.027	J	0.30	0.022	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Sodium	1500		60	8.1	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Thallium	0.97		0.60	0.25	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Vanadium	23	B	0.30	0.045	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1
Zinc	51	B	1.2	0.24	mg/Kg	☼	06/17/14 10:00	06/21/14 02:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 11:20	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.26		0.20	0.10	ug/L		06/23/14 15:30	06/24/14 12:21	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	23		20	7.7	ug/Kg	☼	06/13/14 12:00	06/16/14 11:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.68		0.200	0.200	SU			06/24/14 15:23	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F3	Duplicate RPD exceeds the control limit
F1	MS and/or MSD Recovery exceeds the control limits
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Barrington - WO 055

TestAmerica Job ID: 500-78550-1

Laboratory: TestAmerica Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each certification below.

Authority	Program	EPA Region	Certification ID	Expiration Date
Illinois	NELAP	5	100201	04-30-15

The following analytes are included in this report, but certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
8260B		Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

TestAmerica

THE LEADER IN ENVIRONMENTAL T

2417 Bond Street, University Park, IL 60468
Phone: 708.534.5200 Fax: 708.534.5



500-78550 COC

(optional)

Report To: S. Babusukumar
Contact: S. Babusukumar
Company: Weston
Address: 750 E. Bunker Ct. Ste 500
Address: Vernon Hills, IL 60061
Phone: (847) 918-4018
Fax:
E-Mail:

(optional)

Bill To:
Contact:
Company:
Address:
Address:
Phone: SAME
Fax:
PO#/Reference#

Chain of Custody Record

Lab Job #: 500-78550
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: (3.6) (4.1)

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>Weston</u>											
Project Name		Lab Project #		Date		Time		# of Containers		Matrix	
<u>IDOT 055 - Barrington</u>											
Project Location/State		Lab PM		Date		Time		# of Containers		Matrix	
<u>Barrington, IL</u>		<u>D. Wright</u>									
Sampler		Sample ID		Date		Time		# of Containers		Matrix	
<u>M. Straw</u>											
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCS	SVOCS	Total Metals	TCLP/SPLP Metals	pH
1		RE2-2(0-7)-061014	6/10/14	0820	2	S	X	X	X	X	X
2		RE2-3(0-7)-061014	6/10/14	0840	2	S	X	X	X	X	X
3		RE2-3(0-7)-061014	6/10/14	0907	2	S	X	X	X	X	X
4		RE2-4(0-7)-061014	6/10/14	0928	2	S	X	X	X	X	X
5		RE2-5(0-6)-061014	6/10/14	1005	2	S	X	X	X	X	X
6		RE2-5(6-13)-061014	6/10/14	1005	2	S	X	X	X	X	X
7		RE2-6(0-7)-061014	6/10/14	1040	2	S	X	X	X	X	X
8		RE2-7(0-7)-061014	6/10/14	1055	2	S	X	X	X	X	X
9		RE2-8(0-7)-061014	6/10/14	1140	2	S	X	X	X	X	X
10		RE3-1(0-5)-061014D	6/10/14	1210	2	S	X	X	X	X	X

- Preservative Key
- HCL, Cool to 4°
 - H2SO4, Cool to 4°
 - HNO3, Cool to 4°
 - NaOH, Cool to 4°
 - NaOH/Zn, Cool to 4°
 - NaHSO4
 - Cool to 4°
 - None
 - Other

Turnaround Time Required (Business Days)

1 Day 2 Days 5 Days 7 Days 10 Days 15 Days Standard Other

Sample Disposal

Return to Client Disposal by Lab Archive for _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Relinquished By <u>M. Straw</u>	Company <u>Weston</u>	Date <u>6-10-14</u>	Time <u>1525</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>6/10/14</u>	Time <u>1525</u>
Relinquished By <u>[Signature]</u>	Company <u>TA</u>	Date <u>6/10/14</u>	Time <u>1730</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>6/10/14</u>	Time <u>0630</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: TA
Shipped:
Hand Delivered:

Matrix Key

- | | |
|--------------------|---------------------|
| WW - Wastewater | SE - Sediment |
| W - Water | SO - Soil |
| S - Soil | L - Leachate |
| SL - Sludge | WI - Wipe |
| MS - Miscellaneous | DW - Drinking Water |
| OL - Oil | O - Other |
| A - Air | |

Client Comments:

Lab Comments: