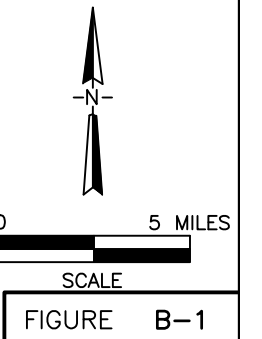
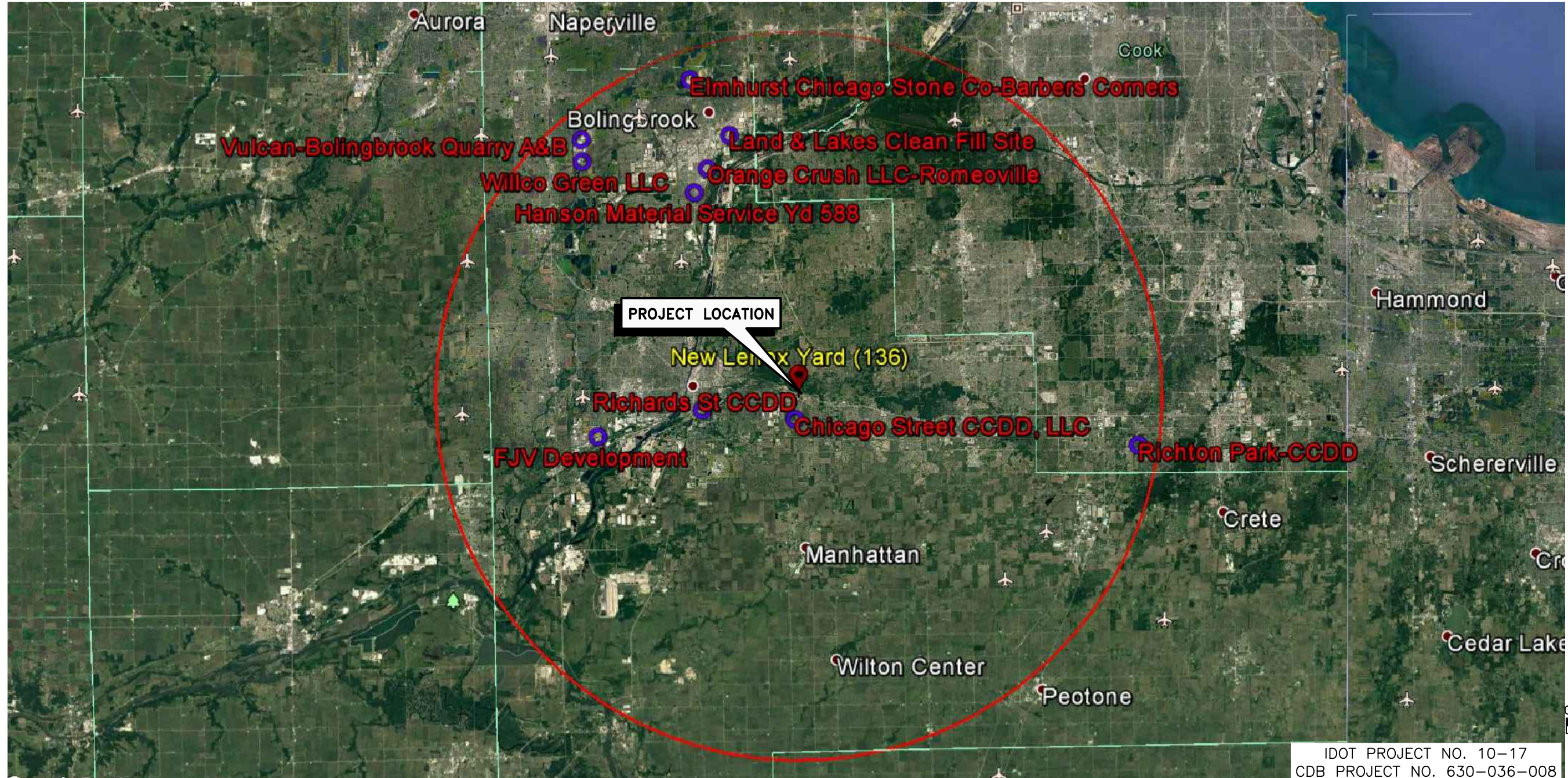


CCDD Facilities

Name	Site Number	Site Address	City	County	Zip	Phone	Contact	Accepts Soil	Accepts Concrete	Accepts Asphalt	Date Confirmed	Confirmed By
Chicago Street CCDD, LLC	1970455178	1127 S Chicago St	Joliet	Will	60436	815-723-3000	Sandeno, Kenneth	Yes	Yes	Yes	5/22/2017	AT
Willco Green LLC	1970805144	22957 W. 119th St.	Plainfield	Will	60585	815-436-7465	Heil, Edward	Yes	Yes	Yes	9/19/2017	AS
Elmhurst Chicago Stone Co-Barbers Corners	1978030002	351 Royce Road	Bolingbrook	Will/DuPage	60490	630-832-4000	Peter, Stamatopoulos	Yes	Yes	No	5/17/2017	KF
FJV Development	1978175017	3210 Mound Rd	Joliet	Will	60436	708-774-9300	Koty, John	Yes	Yes	Yes	5/22/2017	AT
Hanson Material Service Yd 588	1970900001	Route 53	Romeoville	Will	60446	312-213-6083	Hall, Bret	Yes	Yes	No	9/20/2017	AS
Land & Lakes Clean Fill Site	1970905141	1371 N Joliet Rd	Romeoville	Will	60446	847-825-5000	Cowhey Jr, James	Yes	Yes	Yes	9/20/2017	AS
Orange Crush LLC-Romeoville	1970905104	1001 Independence Ave	Romeoville	Will	60446	708-544-9440	Ron, Bobkowski	No	Yes	Yes	5/23/2017	AT
Richards St CCDD	1974450034	800 S Richards St	Joliet	Will	60432	815-744-6633	Hess Jr, Phil	No	Yes	Yes	5/22/2017	AT
Richton Park-CCDD	311800001	22100 S. Central Ave.	Richton Park	Cook	60471	224-212-1251	Butler, James	Yes	Yes	Yes	9/20/2017	AS
Vulcan-Bolingbrook Quarry A&B	1978200006	22933 West Hassert Boulevard	Plainfield	Will	60585	630-904-1110	---	Yes	Yes	Yes	9/20/2017	AS



IDOT PROJECT NO. 10-17
CDB PROJECT NO. 630-036-008



300 Plaza Circle
Suite 202
Mundelein, Illinois
60060

CCDD AND USFO FACILITIES WITHIN 16 MILES
NEW LENOX YARD 136 (E24)
NEW LENOX YARD 136 - 1400 WEST MAPLE
ILLINOIS DEPARTMENT OF TRANSPORTATION
New Lenox, Will County, Illinois



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: New Lenox Yard (136) (ISGS No. 1628V2-23) Office Phone Number, if available: _____

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

1400 West Maple Street

City: New Lenox State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.517396949 Longitude: -87.991993877
(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: 2300 South Dirksen Parkway

Street Address: 2300 South Dirksen Parkway

PO Box: _____

PO Box: _____

City: Springfield State: IL

City: Springfield State: IL

Zip Code: 62764 Phone: (217) 785-4246

Zip Code: 62764 Phone: (217) 785-4246

Contact: Douglas E. Liniger

Contact: Douglas E. Liniger

Email, if available: Douglas.Liniger@illinois.gov

Email, if available: Douglas.Liniger@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: New Lenox Yard (136) (ISGS No. 1628V2-23)Latitude: 41.517396949 Longitude: -87.991993877Uncontaminated 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 B-3, B-4, AND B-8 WERE SAMPLED AT THE NEW LENOX YARD. SEE FIGURE 3-1 AND TABLE 4-1 OF THE FINAL 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 REPORT - JOB ID: 500-133400-1.
ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Michael A. Castillo, 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: Weston Solutions, Inc.
Street Address: 300 Circle Plaza; Suite 202
City: Mundelein State: IL Zip Code: 60060
Phone: (224) 864-7200

Michael A. Castillo, P.G.

Printed Name:

Michael A. Castillo

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

10/16/2017

Date:



P.E. or L.P.G. Seal:

Summary Table of Soil Analytical Results
Comparison of Detected Constituents to Applicable Reference Concentrations
Illinois Department of Transportation
New Lenox Yard (136) - Proposed Salt Storage Building
New Lenox, Will County, Illinois

Field Sample ID	B-3(0-4)083117	B-3(4-6)083117	B-4(0-4)083117	B-4(4-6)083117	B-8(0-4)083117	B-8(4-7)083117	Soil Reference Concentrations ^A
Sample Date	8/31/2017	8/31/2017	8/31/2017	8/31/2017	8/31/2017	8/31/2017	
Location ID	B-3	B-3	B-4	B-4	B-8	B-8	
Depth	0 - 4	4 - 6	0 - 4	4 - 6	0 - 4	4 - 7	
Yard No.	YARD 136	YARD 136	YARD 136	YARD 136	YARD 136	YARD 136	
Parameter							
Laboratory pH (s.u.)	7.4	7.6	7.5	7.4	7.7	7.9	<6.25; >9.0
VOCs							
SVOCs (ug/kg)							
Benzo(a)anthracene	ND	ND	ND	ND	12 J	10 J	900 / 1100 / 1800
Benzo(a)pyrene	ND	ND	ND	ND	15 J	11 J	90 / 1300 / 2100
Benzo(b)fluoranthene	ND	ND	ND	ND	17 J	12 J	900 / 1500 / 2100
Chrysene	ND	ND	ND	ND	12 J	9.4 J	88000
Fluoranthene	ND	ND	ND	ND	19 J	15 J	3100000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	10 J	ND	900 / 900 / 1600
Phenanthrene	ND	ND	ND	ND	13 J	11 J	---
Pyrene	ND	ND	ND	ND	21 J	18 J	2300000
Total Anions (mg/kg)							
Chloride	1900	1300	2300	3000	2200	1400	4000
Fluoride	ND	2.3 J	7.2	ND	1.1 J	ND	80
Sulfate	66 B	19 B	65 B	31 B	87 B	64 B	8000
Total Inorganics (mg/kg)							
Arsenic, Total	13	11	9.1	12	9.4	3.5	11.3 / 13.0
Barium, Total	64	41	79	42	33	15	1500
Beryllium, Total	0.63	0.67	0.77	0.52	0.41	0.15 J	22
Cadmium, Total	ND	ND	ND	0.41 B	ND	ND	5.2
Calcium, Total	1700 B	29000 B	21000 B	31000 B	160000 B	270000 B	---
Chromium, Total	16	15	19	12	9.6	3.4	21
Cobalt, Total	13	12	14	12	8.5	2.8	20
Copper, Total	26	28	26	27	18	7.1	2900
Iron, Total	25000 B	23000 B	23000 B	21000 B	15000 B	7900 B	15000 / 15900
Lead, Total	17	17	16	16	12	3.4	107
Magnesium, Total	3200 B	21000 B	17000 B	21000 B	45000 B	170000 B	325000
Manganese, Total	530 B	400 B	410 B	500 B	400 B	280 B	630 / 636
Mercury, Total	0.042 B	0.041 B	ND	ND	ND	ND	0.89
Nickel, Total	33 B	33 B	39 B	30 B	20 B	7.3 B	100
Potassium, Total	1700	2400	2700	1900	1600	650	---
Sodium, Total	1700 B	790 B	2900 B	2300 B	1300 B	650 B	---
Thallium, Total	ND	0.32 J	ND	ND	ND	ND	2.6
Vanadium, Total	24	21	26	18	14	5.3	550
Zinc, Total	110 B	100 B	70 B	94 B	57 B	18 B	5100
TCLP Metals (mg/kg)							
Barium, TCLP	0.27 J	0.37 J	0.45 J	0.34 J	0.38 J	0.3 J	2
Cadmium, TCLP	ND	ND	ND	ND	0.0025 J	0.002 J	0.005
Cobalt, TCLP	ND	ND	ND	ND	ND	0.017 J	1
Copper, TCLP	ND	0.032	ND	0.035	0.029	ND	0.65
Manganese, TCLP	0.035	0.71	0.29	1.1	1.4	3.7	0.15
Nickel, TCLP	ND	ND	ND	ND	ND	0.02 J	0.1

Summary Table of Soil Analytical Results
Comparison of Detected Constituents to Applicable Reference Concentrations
Illinois Department of Transportation
New Lenox Yard (136) - Proposed Salt Storage Building
New Lenox, Will County, Illinois

Field Sample ID	B-3(0-4)083117	B-3(4-6)083117	B-4(0-4)083117	B-4(4-6)083117	B-8(0-4)083117	B-8(4-7)083117	Soil Reference Concentrations ^A
Sample Date	8/31/2017	8/31/2017	8/31/2017	8/31/2017	8/31/2017	8/31/2017	
Location ID	B-3	B-3	B-4	B-4	B-8	B-8	
Depth	0 - 4	4 - 6	0 - 4	4 - 6	0 - 4	4 - 7	
Yard No.	YARD 136	YARD 136	YARD 136	YARD 136	YARD 136	YARD 136	
Parameter							
SPLP Metals (mg/kg)							
Arsenic, SPLP	0.078	0.023 J	0.095	ND	ND	ND	0.05
Barium, SPLP	0.72	0.21 J	0.66	ND	ND	ND	2
Beryllium, SPLP	0.0057	ND	0.0079	ND	ND	ND	0.004
Cadmium, SPLP	0.0027 J	ND	0.0022 J	ND	ND	ND	0.005
Chromium, SPLP	0.13	0.05	0.16	ND	ND	ND	0.1
Cobalt, SPLP	0.046	0.017 J	0.051	ND	ND	ND	1
Copper, SPLP	0.19	0.067	0.28	ND	ND	ND	0.65
Iron, SPLP	180	62	210	5.3	0.56	ND	5
Lead, SPLP	0.08	0.03	0.097	ND	ND	ND	0.0075
Manganese, SPLP	1.4	0.42	1.1	0.033	ND	ND	0.15
Mercury, SPLP	0.00037	ND	0.0003	ND	ND	ND	0.002
Nickel, SPLP	0.19	0.092	0.27	ND	ND	ND	0.1
Zinc, SPLP	0.66	0.21 J	0.62	0.023 J	0.05 J	ND	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.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

 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: 500-133400-1

Client Project/Site: IDOT - New Lenox - WO 017

For:

Weston Solutions, Inc.

300 Plaza Circle, Suite 202

Mundelein, Illinois 60060

Attn: Mr. S. Babusukumar



Authorized for release by:

9/12/2017 4:31:57 PM

Richard Wright, Senior Project Manager

(708)534-5200

richard.wright@testamericainc.com

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www.testamericainc.com

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

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

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

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(0-4)083117

Lab Sample ID: 500-133400-4

Date Collected: 08/31/17 08:50

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<18		18	7.9	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Benzene	<1.8		1.8	0.46	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Bromodichloromethane	<1.8		1.8	0.37	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Bromoform	<1.8		1.8	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Bromomethane	<4.5		4.5	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Carbon disulfide	<4.5		4.5	0.94	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Carbon tetrachloride	<1.8		1.8	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Chlorobenzene	<1.8		1.8	0.67	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Chloroethane	<4.5 *		4.5	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Chloroform	<1.8		1.8	0.63	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Chloromethane	<4.5		4.5	1.8	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
cis-1,2-Dichloroethene	<1.8		1.8	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
cis-1,3-Dichloropropene	<1.8		1.8	0.55	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Dibromochloromethane	<1.8		1.8	0.59	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,1-Dichloroethane	<1.8		1.8	0.62	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,2-Dichloroethane	<4.5		4.5	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,1-Dichloroethene	<1.8		1.8	0.62	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,2-Dichloropropane	<1.8		1.8	0.47	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,3-Dichloropropene, Total	<1.8		1.8	0.64	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Ethylbenzene	<1.8		1.8	0.87	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
2-Hexanone	<4.5		4.5	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Methylene Chloride	<4.5		4.5	1.8	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Methyl Ethyl Ketone	<4.5		4.5	2.0	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
methyl isobutyl ketone	<4.5		4.5	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Methyl tert-butyl ether	<1.8		1.8	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Styrene	<1.8		1.8	0.55	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,1,2,2-Tetrachloroethane	<1.8		1.8	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Tetrachloroethene	<1.8		1.8	0.62	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Toluene	<1.8		1.8	0.46	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
trans-1,2-Dichloroethene	<1.8		1.8	0.80	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
trans-1,3-Dichloropropene	<1.8		1.8	0.64	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,1,1-Trichloroethane	<1.8		1.8	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
1,1,2-Trichloroethane	<1.8		1.8	0.78	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Trichloroethene	<1.8		1.8	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Vinyl chloride	<1.8		1.8	0.80	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1
Xylenes, Total	<3.6		3.6	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 16:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	08/31/17 15:37	09/01/17 16:31	1
Dibromofluoromethane	101		75 - 126	08/31/17 15:37	09/01/17 16:31	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	08/31/17 15:37	09/01/17 16:31	1
Toluene-d8 (Surr)	99		75 - 124	08/31/17 15:37	09/01/17 16:31	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	44	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
1,2-Dichlorobenzene	<210		210	49	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
1,3-Dichlorobenzene	<210		210	46	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
1,4-Dichlorobenzene	<210		210	52	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,2'-oxybis[1-chloropropane]	<210		210	47	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(0-4)083117

Lab Sample ID: 500-133400-4

Date Collected: 08/31/17 08:50

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 81.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<410		410	93	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,4,6-Trichlorophenol	<410		410	140	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,4-Dichlorophenol	<410		410	97	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,4-Dimethylphenol	<410		410	150	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,4-Dinitrophenol	<820		820	720	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,4-Dinitrotoluene	<210		210	65	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2,6-Dinitrotoluene	<210		210	80	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Chloronaphthalene	<210		210	45	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Chlorophenol	<210		210	70	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Methylnaphthalene	<82		82	7.5	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Methylphenol	<210		210	66	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Nitroaniline	<210		210	55	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
2-Nitrophenol	<410		410	96	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
3 & 4 Methylphenol	<210		210	68	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
3,3'-Dichlorobenzidine	<210		210	57	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
3-Nitroaniline	<410		410	130	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4,6-Dinitro-2-methylphenol	<820		820	330	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Bromophenyl phenyl ether	<210		210	54	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Chloro-3-methylphenol	<410		410	140	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Chloroaniline	<820		820	190	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Chlorophenyl phenyl ether	<210		210	48	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Nitroaniline	<410		410	170	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
4-Nitrophenol	<820		820	390	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Acenaphthene	<41		41	7.3	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Acenaphthylene	<41		41	5.4	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Anthracene	<41		41	6.8	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Benzo[a]anthracene	<41		41	5.5	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Benzo[a]pyrene	<41		41	7.9	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Benzo[b]fluoranthene	<41		41	8.8	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Benzo[g,h,i]perylene	<41		41	13	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Benzo[k]fluoranthene	<41		41	12	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Bis(2-chloroethoxy)methane	<210		210	42	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Bis(2-chloroethyl)ether	<210		210	61	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Bis(2-ethylhexyl) phthalate	<210		210	75	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Butyl benzyl phthalate	<210		210	78	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Carbazole	<210		210	100	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Chrysene	<41		41	11	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Dibenz(a,h)anthracene	<41		41	7.9	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Dibenzofuran	<210		210	48	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Diethyl phthalate	<210		210	69	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Dimethyl phthalate	<210		210	53	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Di-n-butyl phthalate	<210		210	62	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Di-n-octyl phthalate	<210		210	67	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Fluoranthene	<41		41	7.6	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Fluorene	<41		41	5.7	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Hexachlorobenzene	<82		82	9.5	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Hexachlorobutadiene	<210		210	64	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Hexachlorocyclopentadiene	<820		820	230	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Hexachloroethane	<210		210	62	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(0-4)083117

Lab Sample ID: 500-133400-4

Date Collected: 08/31/17 08:50

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 81.2

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	<41		41	11	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Isophorone	<210		210	46	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Naphthalene	<41		41	6.3	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Nitrobenzene	<41		41	10	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
N-Nitrosodi-n-propylamine	<82		82	50	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
N-Nitrosodiphenylamine	<210		210	48	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Pentachlorophenol	<820		820	660	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Phenanthrene	<41		41	5.7	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Phenol	<210		210	91	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Pyrene	<41		41	8.1	ug/Kg	☼	09/06/17 07:09	09/07/17 19:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	38		25 - 139				09/06/17 07:09	09/07/17 19:54	1
2-Fluorobiphenyl	98		44 - 121				09/06/17 07:09	09/07/17 19:54	1
2-Fluorophenol	101		46 - 133				09/06/17 07:09	09/07/17 19:54	1
Nitrobenzene-d5	97		41 - 120				09/06/17 07:09	09/07/17 19:54	1
Phenol-d5	98		46 - 125				09/06/17 07:09	09/07/17 19:54	1
Terphenyl-d14	100		35 - 160				09/06/17 07:09	09/07/17 19:54	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		09/02/17 10:36	09/06/17 00:15	1
Barium	0.27	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:15	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Cobalt	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Copper	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:15	1
Manganese	0.035		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Nickel	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:15	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:15	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.078		0.050	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Barium	0.72		0.50	0.050	mg/L		09/05/17 07:32	09/05/17 23:49	1
Beryllium	0.0057		0.0040	0.0040	mg/L		09/05/17 07:32	09/05/17 23:49	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		09/05/17 07:32	09/05/17 23:49	1
Chromium	0.13		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Cobalt	0.046		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Copper	0.19		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Iron	180		0.40	0.20	mg/L		09/05/17 07:32	09/05/17 23:49	1
Lead	0.080		0.0075	0.0075	mg/L		09/05/17 07:32	09/05/17 23:49	1
Manganese	1.4		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Nickel	0.19		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:49	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/05/17 23:49	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(0-4)083117

Lab Sample ID: 500-133400-4

Date Collected: 08/31/17 08:50

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 81.2

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		09/05/17 07:32	09/05/17 23:49	1
Zinc	0.66		0.50	0.020	mg/L		09/05/17 07:32	09/05/17 23:49	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.24	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Arsenic	13		0.61	0.21	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Barium	64		0.61	0.070	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Beryllium	0.63		0.24	0.057	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Cadmium	0.30 B		0.12	0.022	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Calcium	1700 B		12	2.1	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Chromium	16		0.61	0.30	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Cobalt	13		0.31	0.080	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Copper	26		0.61	0.17	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Iron	25000 B		12	6.4	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Lead	17		0.31	0.14	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Magnesium	3200 B		6.1	3.0	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Manganese	530 B		0.61	0.089	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Nickel	33 B		0.61	0.18	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Potassium	1700		31	11	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Selenium	<0.61		0.61	0.36	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Silver	<0.31		0.31	0.079	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Sodium	1700 B		61	9.1	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Thallium	<0.61		0.61	0.31	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Vanadium	24		0.31	0.072	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1
Zinc	110 B		1.2	0.54	mg/Kg	☼	09/01/17 16:31	09/03/17 00:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 10:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.37		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	42 B		19	6.4	ug/Kg	☼	09/01/17 15:50	09/05/17 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.54		0.54	0.18	mg/Kg	☼	09/05/17 12:44	09/05/17 16:08	1
pH	7.4		0.20	0.20	SU			09/06/17 15:30	1
Chloride	1900		61	52	mg/Kg	☼	09/07/17 10:45	09/09/17 04:14	25
Fluoride	<2.4		2.4	0.81	mg/Kg	☼	09/07/17 10:45	09/07/17 13:54	1
Sulfate	66 B		2.4	1.2	mg/Kg	☼	09/07/17 10:45	09/07/17 13:54	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(4-6)083117

Lab Sample ID: 500-133400-5

Date Collected: 08/31/17 08:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<17		17	7.3	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Benzene	<1.7		1.7	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Bromodichloromethane	<1.7		1.7	0.34	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Bromoform	<1.7		1.7	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Bromomethane	<4.2		4.2	1.6	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Carbon disulfide	<4.2		4.2	0.87	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Carbon tetrachloride	<1.7		1.7	0.48	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Chlorobenzene	<1.7		1.7	0.62	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Chloroethane	<4.2 *		4.2	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Chloroform	<1.7		1.7	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Chloromethane	<4.2		4.2	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
cis-1,2-Dichloroethene	<1.7		1.7	0.47	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
cis-1,3-Dichloropropene	<1.7		1.7	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Dibromochloromethane	<1.7		1.7	0.55	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,1-Dichloroethane	<1.7		1.7	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,2-Dichloroethane	<4.2		4.2	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,1-Dichloroethene	<1.7		1.7	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,2-Dichloropropane	<1.7		1.7	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,3-Dichloropropene, Total	<1.7		1.7	0.59	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Ethylbenzene	<1.7		1.7	0.80	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
2-Hexanone	<4.2		4.2	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Methylene Chloride	<4.2		4.2	1.6	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Methyl Ethyl Ketone	<4.2		4.2	1.9	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
methyl isobutyl ketone	<4.2		4.2	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Methyl tert-butyl ether	<1.7		1.7	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Styrene	<1.7		1.7	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,1,2,2-Tetrachloroethane	<1.7		1.7	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Tetrachloroethene	<1.7		1.7	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Toluene	<1.7		1.7	0.42	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
trans-1,2-Dichloroethene	<1.7		1.7	0.74	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
trans-1,3-Dichloropropene	<1.7		1.7	0.59	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,1,1-Trichloroethane	<1.7		1.7	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
1,1,2-Trichloroethane	<1.7		1.7	0.72	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Trichloroethene	<1.7		1.7	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Vinyl chloride	<1.7		1.7	0.74	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1
Xylenes, Total	<3.3		3.3	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 16:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	08/31/17 15:37	09/01/17 16:57	1
Dibromofluoromethane	99		75 - 126	08/31/17 15:37	09/01/17 16:57	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	08/31/17 15:37	09/01/17 16:57	1
Toluene-d8 (Surr)	100		75 - 124	08/31/17 15:37	09/01/17 16:57	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	43	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
1,2-Dichlorobenzene	<200		200	48	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
1,3-Dichlorobenzene	<200		200	45	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
1,4-Dichlorobenzene	<200		200	51	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,2'-oxybis[1-chloropropane]	<200		200	46	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(4-6)083117

Lab Sample ID: 500-133400-5

Date Collected: 08/31/17 08:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<400		400	91	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,4,6-Trichlorophenol	<400		400	140	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,4-Dichlorophenol	<400		400	95	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,4-Dimethylphenol	<400		400	150	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,4-Dinitrophenol	<810		810	700	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,4-Dinitrotoluene	<200		200	63	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2,6-Dinitrotoluene	<200		200	78	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Chloronaphthalene	<200		200	44	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Chlorophenol	<200		200	68	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Methylnaphthalene	<81		81	7.3	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Methylphenol	<200		200	64	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Nitroaniline	<200		200	54	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
2-Nitrophenol	<400		400	94	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
3 & 4 Methylphenol	<200		200	67	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
3,3'-Dichlorobenzidine	<200		200	56	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
3-Nitroaniline	<400		400	120	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4,6-Dinitro-2-methylphenol	<810		810	320	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Bromophenyl phenyl ether	<200		200	53	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Chloro-3-methylphenol	<400		400	140	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Chloroaniline	<810		810	190	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Chlorophenyl phenyl ether	<200		200	47	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Nitroaniline	<400		400	170	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
4-Nitrophenol	<810		810	380	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Acenaphthene	<40		40	7.2	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Acenaphthylene	<40		40	5.3	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Anthracene	<40		40	6.7	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Benzo[a]anthracene	<40		40	5.4	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Benzo[a]pyrene	<40		40	7.7	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Benzo[b]fluoranthene	<40		40	8.6	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Benzo[g,h,i]perylene	<40		40	13	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Benzo[k]fluoranthene	<40		40	12	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Bis(2-chloroethoxy)methane	<200		200	41	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Bis(2-chloroethyl)ether	<200		200	60	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Bis(2-ethylhexyl) phthalate	<200		200	73	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Butyl benzyl phthalate	<200		200	76	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Carbazole	<200		200	100	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Chrysene	<40		40	11	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Dibenz(a,h)anthracene	<40		40	7.7	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Dibenzofuran	<200		200	47	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Diethyl phthalate	<200		200	68	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Dimethyl phthalate	<200		200	52	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Di-n-butyl phthalate	<200		200	61	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Di-n-octyl phthalate	<200		200	65	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Fluoranthene	<40		40	7.4	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Fluorene	<40		40	5.6	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Hexachlorobenzene	<81		81	9.3	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Hexachlorobutadiene	<200		200	63	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Hexachlorocyclopentadiene	<810		810	230	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Hexachloroethane	<200		200	61	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(4-6)083117

Lab Sample ID: 500-133400-5

Date Collected: 08/31/17 08:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 82.3

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	<40		40	10	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Isophorone	<200		200	45	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Naphthalene	<40		40	6.1	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Nitrobenzene	<40		40	10	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
N-Nitrosodi-n-propylamine	<81		81	49	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
N-Nitrosodiphenylamine	<200		200	47	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Pentachlorophenol	<810		810	640	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Phenanthrene	<40		40	5.6	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Phenol	<200		200	89	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Pyrene	<40		40	7.9	ug/Kg	☼	09/06/17 07:09	09/07/17 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	49		25 - 139				09/06/17 07:09	09/07/17 20:21	1
2-Fluorobiphenyl	98		44 - 121				09/06/17 07:09	09/07/17 20:21	1
2-Fluorophenol	95		46 - 133				09/06/17 07:09	09/07/17 20:21	1
Nitrobenzene-d5	100		41 - 120				09/06/17 07:09	09/07/17 20:21	1
Phenol-d5	95		46 - 125				09/06/17 07:09	09/07/17 20:21	1
Terphenyl-d14	99		35 - 160				09/06/17 07:09	09/07/17 20:21	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		09/02/17 10:36	09/06/17 00:19	1
Barium	0.37	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:19	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Cobalt	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Copper	0.032		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:19	1
Manganese	0.71		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Nickel	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:19	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:19	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.023	J	0.050	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Barium	0.21	J	0.50	0.050	mg/L		09/05/17 07:32	09/05/17 23:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/05/17 07:32	09/05/17 23:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/05/17 07:32	09/05/17 23:53	1
Chromium	0.050		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Cobalt	0.017	J	0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Copper	0.067		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Iron	62		0.40	0.20	mg/L		09/05/17 07:32	09/05/17 23:53	1
Lead	0.030		0.0075	0.0075	mg/L		09/05/17 07:32	09/05/17 23:53	1
Manganese	0.42		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Nickel	0.092		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:53	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/05/17 23:53	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-3(4-6)083117

Lab Sample ID: 500-133400-5

Date Collected: 08/31/17 08:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 82.3

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		09/05/17 07:32	09/05/17 23:53	1
Zinc	0.21	J	0.50	0.020	mg/L		09/05/17 07:32	09/05/17 23:53	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Arsenic	11		0.56	0.19	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Barium	41		0.56	0.063	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Beryllium	0.67		0.22	0.052	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Cadmium	0.32	B	0.11	0.020	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Calcium	29000	B	11	1.9	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Chromium	15		0.56	0.28	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Cobalt	12		0.28	0.073	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Copper	28		0.56	0.16	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Iron	23000	B	11	5.8	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Lead	17		0.28	0.13	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Magnesium	21000	B	5.6	2.8	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Manganese	400	B	0.56	0.081	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Nickel	33	B	0.56	0.16	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Potassium	2400		28	9.9	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Selenium	<0.56		0.56	0.33	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Silver	<0.28		0.28	0.072	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Sodium	790	B	56	8.2	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Thallium	0.32	J	0.56	0.28	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Vanadium	21		0.28	0.066	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1
Zinc	100	B	1.1	0.49	mg/Kg	☼	09/01/17 16:31	09/03/17 00:16	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	41	B	18	6.1	ug/Kg	☼	09/01/17 15:50	09/05/17 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.57		0.57	0.20	mg/Kg	☼	09/05/17 12:44	09/05/17 16:09	1
pH	7.6		0.20	0.20	SU			09/06/17 15:33	1
Chloride	1300		48	41	mg/Kg	☼	09/07/17 10:45	09/08/17 02:34	20
Fluoride	2.3	J	2.4	0.80	mg/Kg	☼	09/07/17 10:45	09/07/17 14:32	1
Sulfate	19	B	2.4	1.1	mg/Kg	☼	09/07/17 10:45	09/07/17 14:32	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(0-4)083117

Lab Sample ID: 500-133400-6

Date Collected: 08/31/17 09:15

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<18		18	7.6	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Benzene	<1.8		1.8	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Bromodichloromethane	<1.8		1.8	0.36	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Bromoform	<1.8		1.8	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Bromomethane	<4.4		4.4	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Carbon disulfide	<4.4		4.4	0.91	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Carbon tetrachloride	<1.8		1.8	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Chlorobenzene	<1.8		1.8	0.65	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Chloroethane	<4.4 *		4.4	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Chloroform	<1.8		1.8	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Chloromethane	<4.4		4.4	1.8	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
cis-1,2-Dichloroethene	<1.8		1.8	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
cis-1,3-Dichloropropene	<1.8		1.8	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Dibromochloromethane	<1.8		1.8	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,1-Dichloroethane	<1.8		1.8	0.60	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,2-Dichloroethane	<4.4		4.4	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,1-Dichloroethene	<1.8		1.8	0.60	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,2-Dichloropropane	<1.8		1.8	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,3-Dichloropropane, Total	<1.8		1.8	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Ethylbenzene	<1.8		1.8	0.84	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
2-Hexanone	<4.4		4.4	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Methylene Chloride	<4.4		4.4	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Methyl Ethyl Ketone	<4.4		4.4	1.9	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
methyl isobutyl ketone	<4.4		4.4	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Methyl tert-butyl ether	<1.8		1.8	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Styrene	<1.8		1.8	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,1,2,2-Tetrachloroethane	<1.8		1.8	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Tetrachloroethene	<1.8		1.8	0.60	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Toluene	<1.8		1.8	0.44	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
trans-1,2-Dichloroethene	<1.8		1.8	0.78	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
trans-1,3-Dichloropropene	<1.8		1.8	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,1,1-Trichloroethane	<1.8		1.8	0.59	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
1,1,2-Trichloroethane	<1.8		1.8	0.75	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Trichloroethene	<1.8		1.8	0.59	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Vinyl chloride	<1.8		1.8	0.77	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1
Xylenes, Total	<3.5		3.5	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131	08/31/17 15:37	09/01/17 17:22	1
Dibromofluoromethane	100		75 - 126	08/31/17 15:37	09/01/17 17:22	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	08/31/17 15:37	09/01/17 17:22	1
Toluene-d8 (Surr)	98		75 - 124	08/31/17 15:37	09/01/17 17:22	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	☼	09/06/17 07:09	09/07/17 15:27	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(0-4)083117

Lab Sample ID: 500-133400-6

Date Collected: 08/31/17 09:15

Matrix: Solid

Date Received: 08/31/17 13:40

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	<390		390	89	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Chlorophenol	<200		200	67	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Methylnaphthalene	<79		79	7.2	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Methylphenol	<200		200	63	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4,6-Dinitro-2-methylphenol	<790		790	310	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Bromophenyl phenyl ether	<200		200	52	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Acenaphthylene	<39		39	5.2	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Anthracene	<39		39	6.5	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Benzo[a]anthracene	<39		39	5.3	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Benzo[a]pyrene	<39		39	7.6	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Benzo[b]fluoranthene	<39		39	8.4	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Benzo[g,h,i]perylene	<39		39	13	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Benzo[k]fluoranthene	<39		39	12	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Carbazole	<200		200	98	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Chrysene	<39		39	11	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Dibenz(a,h)anthracene	<39		39	7.6	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Dibenzofuran	<200		200	46	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Di-n-butyl phthalate	<200		200	60	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Fluoranthene	<39		39	7.3	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Fluorene	<39		39	5.5	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Hexachlorobenzene	<79		79	9.1	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Hexachlorocyclopentadiene	<790		790	220	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1
Hexachloroethane	<200		200	59	ug/Kg	☼	09/06/17 07:09	09/07/17 15:27	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(0-4)083117

Lab Sample ID: 500-133400-6

Date Collected: 08/31/17 09:15

Matrix: Solid

Date Received: 08/31/17 13:40

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	<39		39	10	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Isophorone	<200		200	44	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Naphthalene	<39		39	6.0	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Nitrobenzene	<39		39	9.8	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
N-Nitrosodi-n-propylamine	<79		79	48	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Pentachlorophenol	<790		790	630	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Phenanthrene	<39		39	5.5	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Phenol	<200		200	87	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1
Pyrene	<39		39	7.8	ug/Kg	*	09/06/17 07:09	09/07/17 15:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	36		25 - 139	09/06/17 07:09	09/07/17 15:27	1
2-Fluorobiphenyl	82		44 - 121	09/06/17 07:09	09/07/17 15:27	1
2-Fluorophenol	90		46 - 133	09/06/17 07:09	09/07/17 15:27	1
Nitrobenzene-d5	85		41 - 120	09/06/17 07:09	09/07/17 15:27	1
Phenol-d5	89		46 - 125	09/06/17 07:09	09/07/17 15:27	1
Terphenyl-d14	99		35 - 160	09/06/17 07:09	09/07/17 15:27	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		09/02/17 10:36	09/06/17 00:23	1
Barium	0.45	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:23	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Cobalt	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Copper	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:23	1
Manganese	0.29		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Nickel	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:23	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:23	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.095		0.050	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Barium	0.66		0.50	0.050	mg/L		09/05/17 07:32	09/05/17 23:57	1
Beryllium	0.0079		0.0040	0.0040	mg/L		09/05/17 07:32	09/05/17 23:57	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		09/05/17 07:32	09/05/17 23:57	1
Chromium	0.16		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Cobalt	0.051		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Copper	0.28		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Iron	210		0.40	0.20	mg/L		09/05/17 07:32	09/05/17 23:57	1
Lead	0.097		0.0075	0.0075	mg/L		09/05/17 07:32	09/05/17 23:57	1
Manganese	1.1		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Nickel	0.27		0.025	0.010	mg/L		09/05/17 07:32	09/05/17 23:57	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/05/17 23:57	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(0-4)083117

Lab Sample ID: 500-133400-6

Date Collected: 08/31/17 09:15

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 80.9

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		09/05/17 07:32	09/05/17 23:57	1
Zinc	0.62		0.50	0.020	mg/L		09/05/17 07:32	09/05/17 23:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Arsenic	9.1		0.57	0.20	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Barium	79		0.57	0.065	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Beryllium	0.77		0.23	0.053	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Cadmium	0.25	B	0.11	0.021	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Calcium	21000	B	11	1.9	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Chromium	19		0.57	0.28	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Cobalt	14		0.29	0.075	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Copper	26		0.57	0.16	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Iron	23000	B	11	5.9	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Lead	16		0.29	0.13	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Magnesium	17000	B	5.7	2.8	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Manganese	410	B	0.57	0.083	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Nickel	39	B	0.57	0.17	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Potassium	2700		29	10	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Selenium	<0.57		0.57	0.34	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Silver	<0.29		0.29	0.074	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Sodium	2900	B	57	8.4	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Thallium	<0.57		0.57	0.28	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Vanadium	26		0.29	0.067	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1
Zinc	70	B	1.1	0.50	mg/Kg	☼	09/01/17 16:31	09/03/17 00:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 10:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.30		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:33	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	36	B	20	6.6	ug/Kg	☼	09/01/17 15:50	09/05/17 11:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.53		0.53	0.18	mg/Kg	☼	09/05/17 12:44	09/05/17 16:09	1
pH	7.5		0.20	0.20	SU			09/06/17 15:36	1
Chloride	2300		120	98	mg/Kg	☼	09/07/17 10:45	09/08/17 02:46	50
Fluoride	7.2		2.3	0.78	mg/Kg	☼	09/07/17 10:45	09/07/17 14:44	1
Sulfate	65	B	2.3	1.1	mg/Kg	☼	09/07/17 10:45	09/07/17 14:44	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(4-6)083117

Lab Sample ID: 500-133400-7

Date Collected: 08/31/17 09:20

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<15		15	6.7	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Benzene	<1.5		1.5	0.39	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Bromodichloromethane	<1.5		1.5	0.31	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Bromoform	<1.5		1.5	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Bromomethane	<3.8		3.8	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Carbon disulfide	<3.8		3.8	0.80	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Carbon tetrachloride	<1.5		1.5	0.44	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Chlorobenzene	<1.5		1.5	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Chloroethane	<3.8 *		3.8	1.1	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Chloroform	<1.5		1.5	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Chloromethane	<3.8		3.8	1.5	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
cis-1,2-Dichloroethene	<1.5		1.5	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
cis-1,3-Dichloropropene	<1.5		1.5	0.46	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Dibromochloromethane	<1.5		1.5	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,1-Dichloroethane	<1.5		1.5	0.52	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,2-Dichloroethane	<3.8		3.8	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,1-Dichloroethene	<1.5		1.5	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,2-Dichloropropane	<1.5		1.5	0.40	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,3-Dichloropropane, Total	<1.5		1.5	0.54	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Ethylbenzene	<1.5		1.5	0.73	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
2-Hexanone	<3.8		3.8	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Methylene Chloride	<3.8		3.8	1.5	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Methyl Ethyl Ketone	<3.8		3.8	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
methyl isobutyl ketone	<3.8		3.8	1.1	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Methyl tert-butyl ether	<1.5		1.5	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Styrene	<1.5		1.5	0.46	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,1,2,2-Tetrachloroethane	<1.5		1.5	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Tetrachloroethene	<1.5		1.5	0.52	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Toluene	<1.5		1.5	0.39	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
trans-1,2-Dichloroethene	<1.5		1.5	0.68	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
trans-1,3-Dichloropropene	<1.5		1.5	0.54	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,1,1-Trichloroethane	<1.5		1.5	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
1,1,2-Trichloroethane	<1.5		1.5	0.66	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Trichloroethene	<1.5		1.5	0.52	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Vinyl chloride	<1.5		1.5	0.68	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1
Xylenes, Total	<3.1		3.1	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	08/31/17 15:37	09/01/17 17:47	1
Dibromofluoromethane	102		75 - 126	08/31/17 15:37	09/01/17 17:47	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	08/31/17 15:37	09/01/17 17:47	1
Toluene-d8 (Surr)	100		75 - 124	08/31/17 15:37	09/01/17 17:47	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	42	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
1,3-Dichlorobenzene	<190		190	44	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
1,4-Dichlorobenzene	<190		190	50	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,2'-oxybis[1-chloropropane]	<190		190	45	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(4-6)083117

Lab Sample ID: 500-133400-7

Date Collected: 08/31/17 09:20

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 85.2

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	88	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,4-Dichlorophenol	<380		380	92	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,4-Dinitrophenol	<780		780	680	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2,6-Dinitrotoluene	<190		190	76	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Chloronaphthalene	<190		190	43	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Methylnaphthalene	<78		78	7.1	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Methylphenol	<190		190	62	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
3 & 4 Methylphenol	<190		190	65	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4,6-Dinitro-2-methylphenol	<780		780	310	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Acenaphthene	<38		38	7.0	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Anthracene	<38		38	6.5	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Benzo[a]pyrene	<38		38	7.5	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Benzo[b]fluoranthene	<38		38	8.4	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Bis(2-ethylhexyl) phthalate	<190		190	71	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Butyl benzyl phthalate	<190		190	74	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Carbazole	<190		190	97	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Chrysene	<38		38	11	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Dibenz(a,h)anthracene	<38		38	7.5	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Dibenzofuran	<190		190	45	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Diethyl phthalate	<190		190	66	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Dimethyl phthalate	<190		190	51	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Di-n-butyl phthalate	<190		190	59	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Fluoranthene	<38		38	7.2	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Fluorene	<38		38	5.4	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Hexachlorobenzene	<78		78	9.0	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Hexachlorobutadiene	<190		190	61	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Hexachloroethane	<190		190	59	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(4-6)083117

Lab Sample ID: 500-133400-7

Date Collected: 08/31/17 09:20

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 85.2

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	<38		38	10	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Isophorone	<190		190	43	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Naphthalene	<38		38	6.0	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Nitrobenzene	<38		38	9.7	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
N-Nitrosodi-n-propylamine	<78		78	47	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
N-Nitrosodiphenylamine	<190		190	46	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Phenanthrene	<38		38	5.4	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Phenol	<190		190	86	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Pyrene	<38		38	7.7	ug/Kg	☼	09/06/17 07:09	09/07/17 18:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	40		25 - 139				09/06/17 07:09	09/07/17 18:34	1
2-Fluorobiphenyl	91		44 - 121				09/06/17 07:09	09/07/17 18:34	1
2-Fluorophenol	95		46 - 133				09/06/17 07:09	09/07/17 18:34	1
Nitrobenzene-d5	90		41 - 120				09/06/17 07:09	09/07/17 18:34	1
Phenol-d5	95		46 - 125				09/06/17 07:09	09/07/17 18:34	1
Terphenyl-d14	96		35 - 160				09/06/17 07:09	09/07/17 18:34	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		09/02/17 10:36	09/06/17 00:27	1
Barium	0.34	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:27	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Cobalt	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Copper	0.035		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:27	1
Manganese	1.1		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Nickel	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:27	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:27	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:27	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		09/05/17 07:32	09/06/17 00:01	1
Barium	<0.50		0.50	0.050	mg/L		09/05/17 07:32	09/06/17 00:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/05/17 07:32	09/06/17 00:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/05/17 07:32	09/06/17 00:01	1
Chromium	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:01	1
Cobalt	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:01	1
Copper	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:01	1
Iron	5.3		0.40	0.20	mg/L		09/05/17 07:32	09/06/17 00:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/05/17 07:32	09/06/17 00:01	1
Manganese	0.033		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:01	1
Nickel	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:01	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/06/17 00:01	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-4(4-6)083117

Lab Sample ID: 500-133400-7

Date Collected: 08/31/17 09:20

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 85.2

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		09/05/17 07:32	09/06/17 00:01	1
Zinc	0.023	J	0.50	0.020	mg/L		09/05/17 07:32	09/06/17 00:01	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Arsenic	12		0.57	0.20	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Barium	42		0.57	0.065	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Beryllium	0.52		0.23	0.053	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Cadmium	0.41	B	0.11	0.021	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Calcium	31000	B	11	1.9	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Chromium	12		0.57	0.28	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Cobalt	12		0.29	0.075	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Copper	27		0.57	0.16	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Iron	21000	B	11	6.0	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Lead	16		0.29	0.13	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Magnesium	21000	B	5.7	2.8	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Manganese	500	B	0.57	0.083	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Nickel	30	B	0.57	0.17	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Potassium	1900		29	10	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Selenium	<0.57		0.57	0.34	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Silver	<0.29		0.29	0.074	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Sodium	2300	B	57	8.5	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Thallium	<0.57		0.57	0.29	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Vanadium	18		0.29	0.068	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1
Zinc	94	B	1.1	0.50	mg/Kg	☼	09/01/17 16:31	09/03/17 00:24	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:35	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	26	B	18	5.9	ug/Kg	☼	09/01/17 15:50	09/05/17 11:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.55		0.55	0.19	mg/Kg	☼	09/05/17 12:44	09/05/17 16:09	1
pH	7.4		0.20	0.20	SU			09/06/17 15:39	1
Chloride	3000		230	190	mg/Kg	☼	09/07/17 10:45	09/08/17 02:59	100
Fluoride	<2.3		2.3	0.76	mg/Kg	☼	09/07/17 10:45	09/07/17 14:57	1
Sulfate	31	B	2.3	1.1	mg/Kg	☼	09/07/17 10:45	09/07/17 14:57	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(0-4)083117

Lab Sample ID: 500-133400-11

Date Collected: 08/31/17 10:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<17		17	7.2	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Benzene	<1.7		1.7	0.42	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Bromodichloromethane	<1.7		1.7	0.34	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Bromoform	<1.7		1.7	0.48	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Bromomethane	<4.1		4.1	1.6	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Carbon disulfide	<4.1		4.1	0.86	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Carbon tetrachloride	<1.7		1.7	0.48	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Chlorobenzene	<1.7		1.7	0.61	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Chloroethane	<4.1 *		4.1	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Chloroform	<1.7		1.7	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Chloromethane	<4.1		4.1	1.7	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
cis-1,2-Dichloroethene	<1.7		1.7	0.46	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
cis-1,3-Dichloropropene	<1.7		1.7	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Dibromochloromethane	<1.7		1.7	0.54	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,1-Dichloroethane	<1.7		1.7	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,2-Dichloroethane	<4.1		4.1	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,1-Dichloroethene	<1.7		1.7	0.57	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,2-Dichloropropane	<1.7		1.7	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,3-Dichloropropene, Total	<1.7		1.7	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Ethylbenzene	<1.7		1.7	0.79	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
2-Hexanone	<4.1		4.1	1.3	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Methylene Chloride	<4.1		4.1	1.6	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Methyl Ethyl Ketone	<4.1		4.1	1.8	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
methyl isobutyl ketone	<4.1		4.1	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Methyl tert-butyl ether	<1.7		1.7	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Styrene	<1.7		1.7	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,1,2,2-Tetrachloroethane	<1.7		1.7	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Tetrachloroethene	<1.7		1.7	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Toluene	<1.7		1.7	0.42	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
trans-1,2-Dichloroethene	<1.7		1.7	0.74	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
trans-1,3-Dichloropropene	<1.7		1.7	0.58	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,1,1-Trichloroethane	<1.7		1.7	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
1,1,2-Trichloroethane	<1.7		1.7	0.71	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Trichloroethene	<1.7		1.7	0.56	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Vinyl chloride	<1.7		1.7	0.73	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1
Xylenes, Total	<3.3		3.3	0.53	ug/Kg	☼	08/31/17 15:37	09/01/17 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	08/31/17 15:37	09/01/17 19:28	1
Dibromofluoromethane	100		75 - 126	08/31/17 15:37	09/01/17 19:28	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	08/31/17 15:37	09/01/17 19:28	1
Toluene-d8 (Surr)	98		75 - 124	08/31/17 15:37	09/01/17 19:28	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	40	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(0-4)083117

Lab Sample ID: 500-133400-11

Date Collected: 08/31/17 10:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 87.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	86	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Methylnaphthalene	<76		76	6.9	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Methylphenol	<190		190	60	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4,6-Dinitro-2-methylphenol	<760		760	300	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Acenaphthene	<37		37	6.7	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Anthracene	<37		37	6.3	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Benzo[a]anthracene	12 J		37	5.0	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Benzo[a]pyrene	15 J		37	7.3	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Benzo[b]fluoranthene	17 J		37	8.1	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Carbazole	<190		190	94	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Chrysene	12 J		37	10	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Dibenzofuran	<190		190	44	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Fluoranthene	19 J		37	7.0	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Fluorene	<37		37	5.3	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Hexachloroethane	<190		190	57	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(0-4)083117

Lab Sample ID: 500-133400-11

Date Collected: 08/31/17 10:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 87.4

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	10	J	37	9.7	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Isophorone	<190		190	42	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Naphthalene	<37		37	5.8	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
N-Nitrosodi-n-propylamine	<76		76	46	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Phenanthrene	13	J	37	5.2	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Phenol	<190		190	83	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Pyrene	21	J	37	7.5	ug/Kg	☼	09/06/17 07:09	09/07/17 16:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	35		25 - 139				09/06/17 07:09	09/07/17 16:47	1
2-Fluorobiphenyl	83		44 - 121				09/06/17 07:09	09/07/17 16:47	1
2-Fluorophenol	88		46 - 133				09/06/17 07:09	09/07/17 16:47	1
Nitrobenzene-d5	87		41 - 120				09/06/17 07:09	09/07/17 16:47	1
Phenol-d5	86		46 - 125				09/06/17 07:09	09/07/17 16:47	1
Terphenyl-d14	93		35 - 160				09/06/17 07:09	09/07/17 16:47	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		09/02/17 10:36	09/06/17 00:44	1
Barium	0.38	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:44	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:44	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Cobalt	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Copper	0.029		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:44	1
Manganese	1.4		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Nickel	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:44	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:44	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:44	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		09/05/17 07:32	09/06/17 00:17	1
Barium	<0.50		0.50	0.050	mg/L		09/05/17 07:32	09/06/17 00:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/05/17 07:32	09/06/17 00:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/05/17 07:32	09/06/17 00:17	1
Chromium	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:17	1
Cobalt	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:17	1
Copper	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:17	1
Iron	0.56		0.40	0.20	mg/L		09/05/17 07:32	09/06/17 00:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/05/17 07:32	09/06/17 00:17	1
Manganese	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:17	1
Nickel	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:17	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/06/17 00:17	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(0-4)083117

Lab Sample ID: 500-133400-11

Date Collected: 08/31/17 10:55

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 87.4

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		09/05/17 07:32	09/06/17 00:17	1
Zinc	0.050	J	0.50	0.020	mg/L		09/05/17 07:32	09/06/17 00:17	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.20	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Arsenic	9.4		0.53	0.18	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Barium	33		0.53	0.060	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Beryllium	0.41		0.21	0.049	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Cadmium	0.33	B	0.11	0.019	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Calcium	16000	B	110	18	mg/Kg	☼	09/01/17 16:31	09/05/17 17:02	10
Chromium	9.6		0.53	0.26	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Cobalt	8.5		0.26	0.069	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Copper	18		0.53	0.15	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Iron	15000	B	11	5.5	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Lead	12		0.26	0.12	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Magnesium	45000	B	5.3	2.6	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Manganese	400	B	0.53	0.076	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Nickel	20	B	0.53	0.15	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Potassium	1600		26	9.3	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Selenium	<0.53		0.53	0.31	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Silver	<0.26		0.26	0.068	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Sodium	1300	B	53	7.8	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Thallium	<0.53		0.53	0.26	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Vanadium	14		0.26	0.062	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1
Zinc	57	B	1.1	0.46	mg/Kg	☼	09/01/17 16:31	09/03/17 00:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	21	B	18	5.9	ug/Kg	☼	09/01/17 15:50	09/05/17 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.54		0.54	0.19	mg/Kg	☼	09/08/17 11:40	09/09/17 15:06	1
pH	7.7		0.20	0.20	SU			09/06/17 15:51	1
Chloride	2200		220	190	mg/Kg	☼	09/07/17 10:45	09/08/17 04:02	100
Fluoride	1.1	J	2.2	0.74	mg/Kg	☼	09/07/17 10:45	09/07/17 15:48	1
Sulfate	87	B	2.2	1.0	mg/Kg	☼	09/07/17 10:45	09/07/17 15:48	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(4-7)083117

Lab Sample ID: 500-133400-12

Date Collected: 08/31/17 11:00

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<15		15	6.5	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Benzene	<1.5		1.5	0.38	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Bromodichloromethane	<1.5		1.5	0.30	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Bromoform	<1.5		1.5	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Bromomethane	<3.7		3.7	1.4	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Carbon disulfide	<3.7		3.7	0.77	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Carbon tetrachloride	<1.5		1.5	0.43	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Chlorobenzene	<1.5		1.5	0.55	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Chloroethane	<3.7 *		3.7	1.1	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Chloroform	<1.5		1.5	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Chloromethane	<3.7		3.7	1.5	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
cis-1,2-Dichloroethene	<1.5		1.5	0.41	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
cis-1,3-Dichloropropene	<1.5		1.5	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Dibromochloromethane	<1.5		1.5	0.49	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,1-Dichloroethane	<1.5		1.5	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,2-Dichloroethane	<3.7		3.7	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,1-Dichloroethene	<1.5		1.5	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,2-Dichloropropane	<1.5		1.5	0.38	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,3-Dichloropropene, Total	<1.5		1.5	0.52	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Ethylbenzene	<1.5		1.5	0.71	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
2-Hexanone	<3.7		3.7	1.2	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Methylene Chloride	<3.7		3.7	1.5	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Methyl Ethyl Ketone	<3.7		3.7	1.6	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
methyl isobutyl ketone	<3.7		3.7	1.1	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Methyl tert-butyl ether	<1.5		1.5	0.44	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Styrene	<1.5		1.5	0.45	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,1,2,2-Tetrachloroethane	<1.5		1.5	0.47	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Tetrachloroethene	<1.5		1.5	0.51	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Toluene	<1.5		1.5	0.37	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
trans-1,2-Dichloroethene	<1.5		1.5	0.66	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
trans-1,3-Dichloropropene	<1.5		1.5	0.52	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,1,1-Trichloroethane	<1.5		1.5	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
1,1,2-Trichloroethane	<1.5		1.5	0.64	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Trichloroethene	<1.5		1.5	0.50	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Vinyl chloride	<1.5		1.5	0.66	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1
Xylenes, Total	<3.0		3.0	0.47	ug/Kg	☼	08/31/17 15:37	09/01/17 19:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	08/31/17 15:37	09/01/17 19:52	1
Dibromofluoromethane	97		75 - 126	08/31/17 15:37	09/01/17 19:52	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	08/31/17 15:37	09/01/17 19:52	1
Toluene-d8 (Surr)	96		75 - 124	08/31/17 15:37	09/01/17 19:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<170		170	37	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
1,2-Dichlorobenzene	<170		170	41	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
1,3-Dichlorobenzene	<170		170	39	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
1,4-Dichlorobenzene	<170		170	44	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,2'-oxybis[1-chloropropane]	<170		170	40	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(4-7)083117

Lab Sample ID: 500-133400-12

Date Collected: 08/31/17 11:00

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 92.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<340		340	79	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,4,6-Trichlorophenol	<340		340	120	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,4-Dichlorophenol	<340		340	82	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,4-Dimethylphenol	<340		340	130	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,4-Dinitrophenol	<690		690	610	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,4-Dinitrotoluene	<170		170	55	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2,6-Dinitrotoluene	<170		170	68	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Chloronaphthalene	<170		170	38	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Chlorophenol	<170		170	59	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Methylnaphthalene	<69		69	6.3	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Methylphenol	<170		170	55	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Nitroaniline	<170		170	46	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
2-Nitrophenol	<340		340	81	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
3 & 4 Methylphenol	<170		170	57	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
3,3'-Dichlorobenzidine	<170		170	48	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
3-Nitroaniline	<340		340	110	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4,6-Dinitro-2-methylphenol	<690		690	280	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Bromophenyl phenyl ether	<170		170	45	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Chloro-3-methylphenol	<340		340	120	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Chloroaniline	<690		690	160	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Chlorophenyl phenyl ether	<170		170	40	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Nitroaniline	<340		340	140	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
4-Nitrophenol	<690		690	330	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Acenaphthene	<34		34	6.2	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Acenaphthylene	<34		34	4.5	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Anthracene	<34		34	5.8	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Benzo[a]anthracene	10 J		34	4.6	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Benzo[a]pyrene	11 J		34	6.7	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Benzo[b]fluoranthene	12 J		34	7.4	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Benzo[g,h,i]perylene	<34		34	11	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Benzo[k]fluoranthene	<34		34	10	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Bis(2-chloroethoxy)methane	<170		170	35	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Bis(2-chloroethyl)ether	<170		170	52	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Bis(2-ethylhexyl) phthalate	<170		170	63	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Butyl benzyl phthalate	<170		170	65	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Carbazole	<170		170	86	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Chrysene	9.4 J		34	9.4	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Dibenz(a,h)anthracene	<34		34	6.7	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Dibenzofuran	<170		170	40	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Diethyl phthalate	<170		170	58	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Dimethyl phthalate	<170		170	45	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Di-n-butyl phthalate	<170		170	52	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Di-n-octyl phthalate	<170		170	56	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Fluoranthene	15 J		34	6.4	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Fluorene	<34		34	4.8	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Hexachlorobenzene	<69		69	8.0	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Hexachlorobutadiene	<170		170	54	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Hexachlorocyclopentadiene	<690		690	200	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Hexachloroethane	<170		170	52	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(4-7)083117

Lab Sample ID: 500-133400-12

Date Collected: 08/31/17 11:00

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 92.7

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	<34		34	8.9	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Isophorone	<170		170	39	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Naphthalene	<34		34	5.3	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Nitrobenzene	<34		34	8.6	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
N-Nitrosodi-n-propylamine	<69		69	42	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
N-Nitrosodiphenylamine	<170		170	41	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Pentachlorophenol	<690		690	550	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Phenanthrene	11	J	34	4.8	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Phenol	<170		170	76	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Pyrene	18	J	34	6.8	ug/Kg	☼	09/06/17 07:09	09/07/17 17:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	36		25 - 139				09/06/17 07:09	09/07/17 17:14	1
2-Fluorobiphenyl	84		44 - 121				09/06/17 07:09	09/07/17 17:14	1
2-Fluorophenol	89		46 - 133				09/06/17 07:09	09/07/17 17:14	1
Nitrobenzene-d5	85		41 - 120				09/06/17 07:09	09/07/17 17:14	1
Phenol-d5	89		46 - 125				09/06/17 07:09	09/07/17 17:14	1
Terphenyl-d14	95		35 - 160				09/06/17 07:09	09/07/17 17:14	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		09/02/17 10:36	09/06/17 00:48	1
Barium	0.30	J	0.50	0.050	mg/L		09/02/17 10:36	09/06/17 00:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/02/17 10:36	09/06/17 00:48	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		09/02/17 10:36	09/06/17 00:48	1
Chromium	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Cobalt	0.017	J	0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Copper	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Iron	<0.40		0.40	0.20	mg/L		09/02/17 10:36	09/06/17 00:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/02/17 10:36	09/06/17 00:48	1
Manganese	3.7		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Nickel	0.020	J	0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Selenium	<0.050		0.050	0.020	mg/L		09/02/17 10:36	09/06/17 00:48	1
Silver	<0.025		0.025	0.010	mg/L		09/02/17 10:36	09/06/17 00:48	1
Zinc	<0.50		0.50	0.020	mg/L		09/02/17 10:36	09/06/17 00:48	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		09/05/17 07:32	09/06/17 00:21	1
Barium	<0.50		0.50	0.050	mg/L		09/05/17 07:32	09/06/17 00:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/05/17 07:32	09/06/17 00:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/05/17 07:32	09/06/17 00:21	1
Chromium	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:21	1
Cobalt	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:21	1
Copper	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:21	1
Iron	<0.40		0.40	0.20	mg/L		09/05/17 07:32	09/06/17 00:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/05/17 07:32	09/06/17 00:21	1
Manganese	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:21	1
Nickel	<0.025		0.025	0.010	mg/L		09/05/17 07:32	09/06/17 00:21	1
Selenium	<0.050		0.050	0.020	mg/L		09/05/17 07:32	09/06/17 00:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Client Sample ID: B-8(4-7)083117

Lab Sample ID: 500-133400-12

Date Collected: 08/31/17 11:00

Matrix: Solid

Date Received: 08/31/17 13:40

Percent Solids: 92.7

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		09/05/17 07:32	09/06/17 00:21	1
Zinc	<0.50		0.50	0.020	mg/L		09/05/17 07:32	09/06/17 00:21	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	0.20	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Arsenic	3.5		0.51	0.17	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Barium	15		0.51	0.058	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Beryllium	0.15	J	0.20	0.048	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Cadmium	0.18	B	0.10	0.018	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Calcium	27000	B	100	17	mg/Kg	☼	09/01/17 16:31	09/05/17 17:06	10
Chromium	3.4		0.51	0.25	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Cobalt	2.8		0.26	0.067	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Copper	7.1		0.51	0.14	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Iron	7900	B	10	5.3	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Lead	3.4		0.26	0.12	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Magnesium	17000	B	51	25	mg/Kg	☼	09/01/17 16:31	09/05/17 17:06	10
Manganese	280	B	0.51	0.074	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Nickel	7.3	B	0.51	0.15	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Potassium	650		26	9.1	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Selenium	<0.51		0.51	0.30	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Silver	<0.26		0.26	0.066	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Sodium	650	B	51	7.6	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Thallium	<0.51		0.51	0.26	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Vanadium	5.3		0.26	0.060	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1
Zinc	18	B	1.0	0.45	mg/Kg	☼	09/01/17 16:31	09/03/17 00:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		09/05/17 10:45	09/06/17 11:45	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	9.8	J B	18	5.9	ug/Kg	☼	09/01/17 15:50	09/05/17 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.53		0.53	0.18	mg/Kg	☼	09/08/17 11:40	09/09/17 15:07	1
pH	7.9		0.20	0.20	SU			09/06/17 15:54	1
Chloride	1400		110	90	mg/Kg	☼	09/07/17 10:45	09/08/17 04:15	50
Fluoride	<2.1		2.1	0.71	mg/Kg	☼	09/07/17 10:45	09/07/17 16:00	1
Sulfate	64	B	2.1	1.0	mg/Kg	☼	09/07/17 10:45	09/07/17 16:00	1

TestAmerica Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - New Lenox - WO 017

TestAmerica Job ID: 500-133400-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
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
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.

General Chemistry

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.

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	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
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 (Radiochemistry)
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)

Accreditation/Certification Summary

Client: Weston Solutions, Inc.

TestAmerica Job ID: 500-133400-1

Project/Site: IDOT - New Lenox - WO 017

Laboratory: TestAmerica Chicago

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

Authority	Program	EPA Region	Identification Number	Expiration Date
Illinois	NELAP	5	100201	04-30-19

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

Analysis Method	Prep Method	Matrix	Analyte
8260B	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional) S. BABUSUKUMAR
Contact: S. BABUSUKUMAR
Company: WESTON SOLUTIONS
Address: 300 PLAZA CIRCLE #202
Address: MUNDELEN, IL 60060
Phone: 224.864.7250
Fax: _____
E-Mail: _____

Bill To (optional) _____
Contact: SAME
Company: _____
Address: _____
Address: _____
Phone: _____
Phone: _____
Fax: _____
Fax: _____
PO#/Reference# _____

Chain of Custody Record

Lab Job #: 500-133400

Chain of Custody Number: _____

Page 1 of 2

Temperature °C of Cooler: (4.6)(3.4)



Client		Client Project #		Preservative		Parameter		Matrix		Preservative Key							
WESTON SOLUTIONS		02096.015.017.0020		9 7 7 7 7 7		VOCs SVOCs TOXIC METALS TELP METALS SPC METALS PH		CHLORIDE FLUORIDE SULFATE									
Project Name		Lab Project #		Sampling		# of Containers		Matrix		Comments							
EDOT - NEW LENOX YARD				Date Time		Matrix											
Project Location/State		Lab Project #		Sample ID		Date		Time		Comments							
NEW LENOX, IL				B-2(0-4)-083117		8/31/17		0830									
Sampler		Lab PM		Sample ID		Date		Time		Comments							
AJ HORD		R. WRIGHT		B-2(0-4)083117D		8/31/17		0830									
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	TOXIC METALS	TELP	METALS	SPC	METALS	PH	CHLORIDE	FLUORIDE	SULFATE
1		B-2(0-4)-083117	8/31/17	0830	6	S	X	X	X	X	X	X	X	X	X	X	X
2		B-2(0-4)083117D		0830	6	S	X	X	X	X	X	X	X	X	X	X	X
3		B-2(4-8)083117		0840	6	S	X	X	X	X	X	X	X	X	X	X	X
4		B-3(0-4)-083117		0850	6	S	X	X	X	X	X	X	X	X	X	X	X
5		B-3(4-6)-083117		0855	6	S	X	X	X	X	X	X	X	X	X	X	X
6		B-4(0-4)-083117		0915	6	S	X	X	X	X	X	X	X	X	X	X	X
7		B-4(4-6)-083117		0920	6	S	X	X	X	X	X	X	X	X	X	X	X
8		B-5(0-5)-083117		0945	6	S	X	X	X	X	X	X	X	X	X	X	X
9		B-6(0-4)-083117		1005	6	S	X	X	X	X	X	X	X	X	X	X	X
10		B-7(0-3)-083117		1025	6	S	X	X	X	X	X	X	X	X	X	X	X

Turnaround Time Required (Business Days) _____ 1 Day _____ 2 Days _____ 5 Days _____ 7 Days _____ 10 Days _____ 15 Days _____ Other _____
Requested Due Date _____

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>[Signature]</u> Company: <u>WESTON</u> Date: <u>8/31/17</u> Time: <u>12:55</u>	Received By: <u>[Signature]</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>1340</u>	Lab Courier: <input checked="" type="checkbox"/>
Relinquished By: <u>[Signature]</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>1340</u>	Received By: <u>[Signature]</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>1340</u>	Shipped: <input type="checkbox"/>
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____	Hand Delivered: <input type="checkbox"/>

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: _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60484
Phone: 708.534.5200 Fax: 708.534.5211

Report To (optional) S. BABUSUKUMAR
Contact: S. BABUSUKUMAR
Company: WESTON SOLUTIONS
Address: 300 PLAZA CIRCLE #202
Address: MUNDELEIN, IL 60060
Phone: 224.814.7250
Fax: _____
E-Mail: _____

Bill To (optional) SAME
Contact: SAME
Company: _____
Address: _____
Address: _____
Phone: _____
Phone: _____
Fax: _____
Fax: _____
PO#/Reference# _____

Chain of Custody Record

Lab Job #: 500-133400

Chain of Custody Number: _____

Page 2 of 2

Temperature °C of Cooler: _____

Client		Client Project #		Preservative		Parameter		Matrix		Comments					
WESTON SOLUTIONS		02056.015.017.0020		9 7 7 7 7 7 7		VOCs SVOCs TOTAL METALS TCLP METALS SLOP METALS PH CHLORIDE FLUORIDE SULFATE DISPOSAL PARAMETERS				Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other					
Project Name		Lab Project #		# of Containers		Matrix		Comments							
DOT - NEW LENOX YARD															
Project Location/State		Lab Project #		Date		Time		Matrix		Comments					
NEW LENOX, IL															
Sampler		Lab PM		Date		Time		Matrix		Comments					
AJ HORD		R. WRIGHT													
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	TOTAL METALS	TCLP METALS	SLOP METALS	PH	CHLORIDE FLUORIDE SULFATE	DISPOSAL PARAMETERS	Comments
11		B-8(0-4)-083117	8/31/17	10:55	6	S	X	X	X	X	X	X	X		
12		B-8(4-7)-083117		11:00	6	S	X	X	X	X	X	X	X		
13		DISPOSAL-083117		11:15	2	S								X	
14		B-1(0-4)-083117		11:20	6	S	X	X	X	X	X	X	X		
15		B-1(4-7)-083117		11:25	6	S	X	X	X	X	X	X	X		
16		B-1(4-7)-083117D		11:25	6	S	X	X	X	X	X	X	X		
		LAST ITEM													(AS)

Turnaround Time Required (Business Days) _____ 1 Day _____ 2 Days _____ 5 Days 7 Days _____ 10 Days _____ 15 Days _____ Other _____
Requested Due Date _____

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>AJ HORD</u> Company: <u>WESTON</u> Date: <u>8/31/17</u> Time: <u>12:55</u>	Received By: <u>Jeff Carter</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>12:55</u>	Lab Courier: <input checked="" type="checkbox"/>
Relinquished By: <u>Jeff Carter</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>13:40</u>	Received By: <u>Jeff Carter</u> Company: <u>TA</u> Date: <u>8/31/17</u> Time: <u>13:40</u>	Shipped: <input type="checkbox"/>
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____	Hand Delivered: <input type="checkbox"/>

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

Client Comments: _____

Lab Comments: _____