



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: FAU 3887: IL 31 (State St) at UPRR Crossing Office Phone Number, if available: _____

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

100 block of S. State Street (northeast and southeast quadrants of S. State St. and Locust St.)

City: Elgin State: IL Zip Code: _____

County: Kane Township: _____

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

Latitude: 42.033849986 Longitude: -88.285360237
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Department of Transportation

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

Street Address: 201 West Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

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

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

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAU 3887: IL 31 (State St.) at UPRR Crossing

Latitude: 42.033849986 Longitude: -88.285360237

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Locations UP-1 and UP-4 were sampled adjacent to ISGS Site No. 2904-2. See Figure 3-1 and Table 4-1 of the Revised Preliminary Site Investigation Report for sampling details.

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

Test America Analytical Report - Job ID: 500-85943-1

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

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

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

Company Name: Illinois Department of Transportation

Street Address: 2300 South Dirksen Parkway

City: Springfield State: IL Zip Code: 62764

Phone: 217-785-4246

Kurt T. Fischer, P.G.

Printed Name:




Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Date:



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

Summary Table of ISGS Site No. 2904-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3887: IL Route 31 (State Street) at UPRR Crossing
Elgin, Kane County, Illinois

Field Sample ID	UP-1(0-4)-101314	UP-1(4-8)-101314	UP-4(0-4)-101314	UP-4(0-4)-101314D	UP-4(4-8)-101314	Soil Reference Concentrations ^A
Sample Date	10/13/2014	10/13/2014	10/13/2014	10/13/2014	10/13/2014	
Location ID	UP-1	UP-1	UP-4	UP-4	UP-4	
Depth	0 - 4	4 - 8	0 - 4	0 - 4	4 - 8	
ISGS Site Number	2904-2	2904-2	2904-2	2904-2	2904-2	
Parameter						
Laboratory pH (s.u.)	8.88	8.91	8.57	8.54	8.38	<6.25, >9.0
SVOCs (ug/kg)						
Acenaphthene	ND	ND	ND	13 J	ND	570000
Benzo(a)anthracene	26 J	9.2 J	ND	23 J	ND	900 / 1100 / 1800
Benzo(a)pyrene	36 J	12 J	ND	29 J	ND	90 / 1300 / 2100
Benzo(b)fluoranthene	50 J	18 J	27 J	53	ND	900 / 1500 / 2100
Benzo(g,h,i)perylene	38 J	ND	13 J	14 J	ND	---
Benzo(k)fluoranthene	17 J	ND	ND	21 J	ND	9000
Chrysene	27 J	11 J	15 J	32 J	ND	88000
Dibenzo(a,h)anthracene	10 J	ND	ND	ND	ND	90 / 200 / 420
Fluoranthene	27 J	12 J	15 J	36 J	ND	3100000
Indeno(1,2,3-cd)pyrene	30 J	13 J	ND	22 J	ND	900 / 900 / 1600
Pyrene	39 J	14 J	25 J	73	ND	2300000
Total Metals (mg/kg)						
Arsenic, Total	3.9	4.2	3.4	3.9	3	11.3 / 13
Barium, Total	13	8.7	38	51	25	1500
Beryllium, Total	0.18 J	0.28 J	0.31	0.37	0.33	22
Calcium, Total	130000 B	140000 B	46000	51000	47000	---
Chromium, Total	4.7	6.4 B	10 J	19 J	9.5	21
Cobalt, Total	2.2	1.9	5	5.3	5.1	20
Copper, Total	9.3	6.8	16	12	11	2900
Iron, Total	7100	5500	10000	11000	9700	15000 / 15900
Lead, Total	4.2	4	8.8	13	5.1	107
Magnesium, Total	66000 B	39000 B	27000 B	31000 B	26000 B	325000
Manganese, Total	280	230	360	580	240	630 / 636
Nickel, Total	5.6	6.9	12	9.9	13	100
Potassium, Total	780	320	1300	1000	1800	---
Sodium, Total	440	220 J	1700	2100	1800	---
Thallium, Total	0.55	ND	0.81	1.1	0.48 J	2.6
Vanadium, Total	8.3	6.6	15	21	12	550
Zinc, Total	17 B	ND	25 B	29 B	22 B	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.1 J	0.13 J	0.27 J	0.25 J	0.29 J	2
Chromium, TCLP	ND	0.013 J	ND	ND	ND	0.1
Copper, TCLP	ND	0.014 J	ND	0.01 J	ND	0.65
Manganese, TCLP	1.1	1.3	1.7	1.8	0.82	0.15
Nickel, TCLP	0.016 J	0.019 J	ND	ND	ND	0.1
SPLP Metals (mg/l)						
Arsenic, SPLP	ND	ND	0.026 J	0.033 J	0.017 J	0.05
Barium, SPLP	0.14 J	0.13 J	0.3 J	0.37 J	0.42 J	2
Beryllium, SPLP	ND	ND	ND	0.004	ND	0.004
Chromium, SPLP	ND	ND	0.072	0.087	0.07	0.1
Cobalt, SPLP	ND	ND	0.024 J	0.036	0.025	1
Copper, SPLP	ND	0.011 J	0.09	0.12	0.097	0.65
Iron, SPLP	ND	ND	75	94	64	5
Lead, SPLP	ND	ND	0.079	0.093	ND	0.0075
Manganese, SPLP	ND	ND	1.1	1.3	0.42	0.15
Nickel, SPLP	ND	ND	0.072	0.1	0.08	0.1
Zinc, SPLP	0.11	0.11	0.24	0.32	0.34	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

 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: 500-85943-1
Client Project/Site: IDOT - Elgin - WO 073

For:
Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. S. Babusukumar



Authorized for release by:
10/27/2014 4:44:53 PM

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

LINKS

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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.

- 1
- 2
- 3
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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(0-4)-101314

Lab Sample ID: 500-85943-3

Date Collected: 10/13/14 09:55

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.2		5.2	2.3	ug/Kg	☼		10/15/14 19:41	1
Benzene	<5.2		5.2	0.72	ug/Kg	☼		10/15/14 19:41	1
Bromodichloromethane	<5.2		5.2	0.90	ug/Kg	☼		10/15/14 19:41	1
Bromoform	<5.2		5.2	1.2	ug/Kg	☼		10/15/14 19:41	1
Bromomethane	<5.2		5.2	1.6	ug/Kg	☼		10/15/14 19:41	1
Carbon disulfide	<5.2		5.2	0.78	ug/Kg	☼		10/15/14 19:41	1
Carbon tetrachloride	<5.2		5.2	0.95	ug/Kg	☼		10/15/14 19:41	1
Chlorobenzene	<5.2		5.2	0.53	ug/Kg	☼		10/15/14 19:41	1
Chloroethane	<5.2 *		5.2	1.4	ug/Kg	☼		10/15/14 19:41	1
Chloroform	<5.2		5.2	0.60	ug/Kg	☼		10/15/14 19:41	1
Chloromethane	<5.2		5.2	1.1	ug/Kg	☼		10/15/14 19:41	1
cis-1,2-Dichloroethene	<5.2		5.2	0.74	ug/Kg	☼		10/15/14 19:41	1
cis-1,3-Dichloropropene	<5.2		5.2	0.69	ug/Kg	☼		10/15/14 19:41	1
Dibromochloromethane	<5.2		5.2	0.91	ug/Kg	☼		10/15/14 19:41	1
1,1-Dichloroethane	<5.2		5.2	0.83	ug/Kg	☼		10/15/14 19:41	1
1,2-Dichloroethane	<5.2		5.2	0.77	ug/Kg	☼		10/15/14 19:41	1
1,1-Dichloroethene	<5.2		5.2	0.84	ug/Kg	☼		10/15/14 19:41	1
1,2-Dichloropropane	<5.2		5.2	0.79	ug/Kg	☼		10/15/14 19:41	1
1,3-Dichloropropene, Total	<5.2		5.2	0.69	ug/Kg	☼		10/15/14 19:41	1
Ethylbenzene	<5.2		5.2	1.1	ug/Kg	☼		10/15/14 19:41	1
2-Hexanone	<5.2		5.2	1.5	ug/Kg	☼		10/15/14 19:41	1
Methylene Chloride	<5.2		5.2	1.4	ug/Kg	☼		10/15/14 19:41	1
Methyl Ethyl Ketone	<5.2		5.2	1.9	ug/Kg	☼		10/15/14 19:41	1
methyl isobutyl ketone	<5.2		5.2	1.4	ug/Kg	☼		10/15/14 19:41	1
Methyl tert-butyl ether	<5.2		5.2	0.86	ug/Kg	☼		10/15/14 19:41	1
Styrene	<5.2		5.2	0.69	ug/Kg	☼		10/15/14 19:41	1
1,1,2,2-Tetrachloroethane	<5.2		5.2	1.1	ug/Kg	☼		10/15/14 19:41	1
Tetrachloroethene	<5.2		5.2	0.80	ug/Kg	☼		10/15/14 19:41	1
Toluene	<5.2		5.2	0.73	ug/Kg	☼		10/15/14 19:41	1
trans-1,2-Dichloroethene	<5.2		5.2	0.72	ug/Kg	☼		10/15/14 19:41	1
trans-1,3-Dichloropropene	<5.2		5.2	0.94	ug/Kg	☼		10/15/14 19:41	1
1,1,1-Trichloroethane	<5.2		5.2	0.78	ug/Kg	☼		10/15/14 19:41	1
1,1,2-Trichloroethane	<5.2		5.2	0.71	ug/Kg	☼		10/15/14 19:41	1
Trichloroethene	<5.2		5.2	0.86	ug/Kg	☼		10/15/14 19:41	1
Vinyl chloride	<5.2		5.2	1.1	ug/Kg	☼		10/15/14 19:41	1
Xylenes, Total	<10		10	0.47	ug/Kg	☼		10/15/14 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 122		10/15/14 19:41	1
Dibromofluoromethane	101		75 - 120		10/15/14 19:41	1
1,2-Dichloroethane-d4 (Surr)	89		70 - 134		10/15/14 19:41	1
Toluene-d8 (Surr)	99		75 - 122		10/15/14 19:41	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	☼	10/16/14 17:29	10/24/14 22:44	1
1,2-Dichlorobenzene	<170		170	41	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
1,3-Dichlorobenzene	<170		170	39	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
1,4-Dichlorobenzene	<170		170	44	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,2'-oxybis[1-chloropropane]	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(0-4)-101314

Lab Sample ID: 500-85943-3

Date Collected: 10/13/14 09:55

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.7

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	78	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,4,6-Trichlorophenol	<340		340	120	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,4-Dichlorophenol	<340		340	81	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,4-Dimethylphenol	<340		340	130	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,4-Dinitrophenol	<690		690	600	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,4-Dinitrotoluene	<170		170	54	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2,6-Dinitrotoluene	<170		170	67	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Chloronaphthalene	<170		170	38	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Chlorophenol	<170		170	58	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Methylnaphthalene	<34		34	6.3	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Methylphenol	<170		170	55	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Nitroaniline	<170		170	46	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
2-Nitrophenol	<340		340	81	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
3 & 4 Methylphenol	<170		170	57	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
3,3'-Dichlorobenzidine	<170		170	48	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
3-Nitroaniline	<340		340	110	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4,6-Dinitro-2-methylphenol	<340		340	280	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Bromophenyl phenyl ether	<170		170	45	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Chloro-3-methylphenol	<340		340	120	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Chloroaniline	<690		690	160	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Chlorophenyl phenyl ether	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Nitroaniline	<340		340	140	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
4-Nitrophenol	<690		690	330	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Acenaphthene	<34		34	6.2	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Acenaphthylene	<34		34	4.5	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Anthracene	<34		34	5.7	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Benzo[a]anthracene	26	J	34	4.6	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Benzo[a]pyrene	36		34	6.6	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Benzo[b]fluoranthene	50		34	7.4	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Benzo[g,h,i]perylene	38		34	11	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Benzo[k]fluoranthene	17	J	34	10	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Bis(2-chloroethoxy)methane	<170		170	35	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Bis(2-chloroethyl)ether	<170		170	51	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Bis(2-ethylhexyl) phthalate	<170		170	63	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Butyl benzyl phthalate	<170		170	65	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Carbazole	<170		170	88	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Chrysene	27	J	34	9.3	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Dibenz(a,h)anthracene	10	J	34	6.6	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Dibenzofuran	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Diethyl phthalate	<170		170	58	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Dimethyl phthalate	<170		170	45	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Di-n-butyl phthalate	<170		170	52	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Di-n-octyl phthalate	<170		170	56	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Fluoranthene	27	J	34	6.4	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Fluorene	<34		34	4.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Hexachlorobenzene	<69		69	7.9	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Hexachlorobutadiene	<170		170	54	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Hexachlorocyclopentadiene	<690		690	200	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Hexachloroethane	<170		170	52	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(0-4)-101314

Lab Sample ID: 500-85943-3

Date Collected: 10/13/14 09:55

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.7

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	30	J	34	8.9	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Isophorone	<170		170	38	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Naphthalene	<34		34	5.3	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Nitrobenzene	<34		34	8.6	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
N-Nitrosodi-n-propylamine	<170		170	42	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
N-Nitrosodiphenylamine	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Pentachlorophenol	<690		690	550	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Phenanthrene	<34		34	4.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Phenol	<170		170	76	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Pyrene	39		34	6.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	42		35 - 137				10/16/14 17:29	10/24/14 22:44	1
2-Fluorobiphenyl	41		25 - 119				10/16/14 17:29	10/24/14 22:44	1
2-Fluorophenol	51		25 - 110				10/16/14 17:29	10/24/14 22:44	1
Nitrobenzene-d5	44		25 - 115				10/16/14 17:29	10/24/14 22:44	1
Phenol-d5	40		31 - 110				10/16/14 17:29	10/24/14 22:44	1
Terphenyl-d14	66		36 - 134				10/16/14 17:29	10/24/14 22:44	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		10/18/14 09:00	10/27/14 13:38	1
Barium	0.10	J	0.50	0.050	mg/L		10/18/14 09:00	10/27/14 13:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/18/14 09:00	10/27/14 13:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/18/14 09:00	10/27/14 13:38	1
Chromium	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Cobalt	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Copper	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Iron	<0.20		0.20	0.20	mg/L		10/18/14 09:00	10/27/14 13:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/18/14 09:00	10/27/14 13:38	1
Manganese	1.1		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Nickel	0.016	J	0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Selenium	<0.050		0.050	0.020	mg/L		10/18/14 09:00	10/27/14 13:38	1
Silver	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:38	1
Zinc	0.024	J B	0.10	0.020	mg/L		10/18/14 09:00	10/27/14 13:38	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		10/20/14 11:10	10/25/14 19:36	1
Barium	0.14	J	0.50	0.050	mg/L		10/20/14 11:10	10/25/14 19:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 19:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 19:36	1
Chromium	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:36	1
Cobalt	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:36	1
Copper	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:36	1
Iron	<0.20		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 19:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/20/14 11:10	10/25/14 19:36	1
Manganese	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:36	1
Nickel	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:36	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 19:36	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(0-4)-101314

Lab Sample ID: 500-85943-3

Date Collected: 10/13/14 09:55

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 19:36	1
Zinc	0.11		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 19:36	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	0.42	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Arsenic	3.9		0.52	0.10	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Barium	13		0.52	0.055	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Beryllium	0.18	J	0.21	0.041	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Cadmium	0.098	J B	0.10	0.013	mg/Kg	☼	10/23/14 10:00	10/24/14 18:39	1
Calcium	130000	B	100	28	mg/Kg	☼	10/23/14 10:00	10/24/14 18:44	10
Chromium	4.7		0.52	0.060	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Cobalt	2.2		0.26	0.052	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Copper	9.3		0.52	0.10	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Iron	7100		10	4.3	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Lead	4.2		0.26	0.077	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Magnesium	66000	B	52	11	mg/Kg	☼	10/23/14 10:00	10/24/14 18:44	10
Manganese	280		0.52	0.10	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Nickel	5.6		0.52	0.10	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Potassium	780		26	1.6	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Selenium	<0.52		0.52	0.18	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Silver	<0.26		0.26	0.019	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Sodium	440		52	6.9	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Thallium	0.55		0.52	0.22	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Vanadium	8.3		0.26	0.038	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	1
Zinc	17	B	1.0	0.21	mg/Kg	☼	10/23/14 10:00	10/23/14 20:56	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		10/20/14 12:30	10/21/14 08:33	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		10/20/14 12:30	10/21/14 09:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	8.6	J ^ B	16	6.4	ug/Kg	☼	10/16/14 12:00	10/17/14 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.88		0.200	0.200	SU			10/22/14 17:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(4-8)-101314

Lab Sample ID: 500-85943-4

Date Collected: 10/13/14 10:00

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.2		5.2	2.3	ug/Kg	*		10/15/14 20:05	1
Benzene	<5.2		5.2	0.71	ug/Kg	*		10/15/14 20:05	1
Bromodichloromethane	<5.2		5.2	0.90	ug/Kg	*		10/15/14 20:05	1
Bromoform	<5.2		5.2	1.2	ug/Kg	*		10/15/14 20:05	1
Bromomethane	<5.2		5.2	1.6	ug/Kg	*		10/15/14 20:05	1
Carbon disulfide	<5.2		5.2	0.78	ug/Kg	*		10/15/14 20:05	1
Carbon tetrachloride	<5.2		5.2	0.95	ug/Kg	*		10/15/14 20:05	1
Chlorobenzene	<5.2		5.2	0.53	ug/Kg	*		10/15/14 20:05	1
Chloroethane	<5.2	*	5.2	1.4	ug/Kg	*		10/15/14 20:05	1
Chloroform	<5.2		5.2	0.60	ug/Kg	*		10/15/14 20:05	1
Chloromethane	<5.2		5.2	1.1	ug/Kg	*		10/15/14 20:05	1
cis-1,2-Dichloroethene	<5.2		5.2	0.74	ug/Kg	*		10/15/14 20:05	1
cis-1,3-Dichloropropene	<5.2		5.2	0.68	ug/Kg	*		10/15/14 20:05	1
Dibromochloromethane	<5.2		5.2	0.91	ug/Kg	*		10/15/14 20:05	1
1,1-Dichloroethane	<5.2		5.2	0.83	ug/Kg	*		10/15/14 20:05	1
1,2-Dichloroethane	<5.2		5.2	0.77	ug/Kg	*		10/15/14 20:05	1
1,1-Dichloroethene	<5.2		5.2	0.84	ug/Kg	*		10/15/14 20:05	1
1,2-Dichloropropane	<5.2		5.2	0.79	ug/Kg	*		10/15/14 20:05	1
1,3-Dichloropropene, Total	<5.2		5.2	0.68	ug/Kg	*		10/15/14 20:05	1
Ethylbenzene	<5.2		5.2	1.1	ug/Kg	*		10/15/14 20:05	1
2-Hexanone	<5.2		5.2	1.5	ug/Kg	*		10/15/14 20:05	1
Methylene Chloride	<5.2		5.2	1.4	ug/Kg	*		10/15/14 20:05	1
Methyl Ethyl Ketone	<5.2		5.2	1.9	ug/Kg	*		10/15/14 20:05	1
methyl isobutyl ketone	<5.2		5.2	1.4	ug/Kg	*		10/15/14 20:05	1
Methyl tert-butyl ether	<5.2		5.2	0.86	ug/Kg	*		10/15/14 20:05	1
Styrene	<5.2		5.2	0.68	ug/Kg	*		10/15/14 20:05	1
1,1,2,2-Tetrachloroethane	<5.2		5.2	1.1	ug/Kg	*		10/15/14 20:05	1
Tetrachloroethene	<5.2		5.2	0.80	ug/Kg	*		10/15/14 20:05	1
Toluene	<5.2		5.2	0.73	ug/Kg	*		10/15/14 20:05	1
trans-1,2-Dichloroethene	<5.2		5.2	0.72	ug/Kg	*		10/15/14 20:05	1
trans-1,3-Dichloropropene	<5.2		5.2	0.93	ug/Kg	*		10/15/14 20:05	1
1,1,1-Trichloroethane	<5.2		5.2	0.78	ug/Kg	*		10/15/14 20:05	1
1,1,2-Trichloroethane	<5.2		5.2	0.71	ug/Kg	*		10/15/14 20:05	1
Trichloroethene	<5.2		5.2	0.86	ug/Kg	*		10/15/14 20:05	1
Vinyl chloride	<5.2		5.2	1.1	ug/Kg	*		10/15/14 20:05	1
Xylenes, Total	<10		10	0.47	ug/Kg	*		10/15/14 20:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 122		10/15/14 20:05	1
Dibromofluoromethane	99		75 - 120		10/15/14 20:05	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134		10/15/14 20:05	1
Toluene-d8 (Surr)	99		75 - 122		10/15/14 20:05	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	*	10/16/14 17:29	10/24/14 23:06	1
1,2-Dichlorobenzene	<170		170	41	ug/Kg	*	10/16/14 17:29	10/24/14 23:06	1
1,3-Dichlorobenzene	<170		170	39	ug/Kg	*	10/16/14 17:29	10/24/14 23:06	1
1,4-Dichlorobenzene	<170		170	44	ug/Kg	*	10/16/14 17:29	10/24/14 23:06	1
2,2'-oxybis[1-chloropropane]	<170		170	40	ug/Kg	*	10/16/14 17:29	10/24/14 23:06	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(4-8)-101314

Lab Sample ID: 500-85943-4

Date Collected: 10/13/14 10:00

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.8

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	☼	10/16/14 17:29	10/24/14 23:06	1
2,4,6-Trichlorophenol	<340		340	120	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2,4-Dichlorophenol	<340		340	82	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2,4-Dimethylphenol	<340		340	130	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2,4-Dinitrophenol	<700		700	610	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2,4-Dinitrotoluene	<170		170	55	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2,6-Dinitrotoluene	<170		170	68	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Chloronaphthalene	<170		170	38	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Chlorophenol	<170		170	59	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Methylnaphthalene	<34		34	6.3	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Methylphenol	<170		170	55	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Nitroaniline	<170		170	46	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
2-Nitrophenol	<340		340	81	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
3 & 4 Methylphenol	<170		170	57	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
3,3'-Dichlorobenzidine	<170		170	48	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
3-Nitroaniline	<340		340	110	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4,6-Dinitro-2-methylphenol	<340		340	280	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Bromophenyl phenyl ether	<170		170	45	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Chloro-3-methylphenol	<340		340	120	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Chloroaniline	<700		700	160	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Chlorophenyl phenyl ether	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Nitroaniline	<340		340	140	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
4-Nitrophenol	<700		700	330	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Acenaphthene	<34		34	6.2	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Acenaphthylene	<34		34	4.5	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Anthracene	<34		34	5.8	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Benzo[a]anthracene	9.2 J		34	4.6	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Benzo[a]pyrene	12 J		34	6.7	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Benzo[b]fluoranthene	18 J		34	7.4	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Benzo[g,h,i]perylene	<34		34	11	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Benzo[k]fluoranthene	<34		34	10	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Bis(2-chloroethoxy)methane	<170		170	35	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Bis(2-chloroethyl)ether	<170		170	52	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Bis(2-ethylhexyl) phthalate	<170		170	63	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Butyl benzyl phthalate	<170		170	66	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Carbazole	<170		170	89	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Chrysene	11 J		34	9.4	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Dibenz(a,h)anthracene	<34		34	6.7	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Dibenzofuran	<170		170	40	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Diethyl phthalate	<170		170	58	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Dimethyl phthalate	<170		170	45	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Di-n-butyl phthalate	<170		170	52	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Di-n-octyl phthalate	<170		170	56	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Fluoranthene	12 J		34	6.4	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Fluorene	<34		34	4.8	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Hexachlorobenzene	<70		70	8.0	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Hexachlorobutadiene	<170		170	54	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Hexachlorocyclopentadiene	<700		700	200	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Hexachloroethane	<170		170	52	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(4-8)-101314

Lab Sample ID: 500-85943-4

Date Collected: 10/13/14 10:00

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 95.8

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	13	J	34	8.9	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Isophorone	<170		170	39	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Naphthalene	<34		34	5.3	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Nitrobenzene	<34		34	8.6	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
N-Nitrosodi-n-propylamine	<170		170	42	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
N-Nitrosodiphenylamine	<170		170	41	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Pentachlorophenol	<700		700	550	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Phenanthrene	<34		34	4.8	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Phenol	<170		170	77	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Pyrene	14	J	34	6.8	ug/Kg	☼	10/16/14 17:29	10/24/14 23:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	37		35 - 137				10/16/14 17:29	10/24/14 23:06	1
<i>2-Fluorobiphenyl</i>	41		25 - 119				10/16/14 17:29	10/24/14 23:06	1
<i>2-Fluorophenol</i>	43		25 - 110				10/16/14 17:29	10/24/14 23:06	1
<i>Nitrobenzene-d5</i>	42		25 - 115				10/16/14 17:29	10/24/14 23:06	1
<i>Phenol-d5</i>	37		31 - 110				10/16/14 17:29	10/24/14 23:06	1
<i>Terphenyl-d14</i>	60		36 - 134				10/16/14 17:29	10/24/14 23:06	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		10/18/14 09:00	10/27/14 13:43	1
Barium	0.13	J	0.50	0.050	mg/L		10/18/14 09:00	10/27/14 13:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/18/14 09:00	10/27/14 13:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/18/14 09:00	10/27/14 13:43	1
Chromium	0.013	J	0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Cobalt	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Copper	0.014	J	0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Iron	<0.20		0.20	0.20	mg/L		10/18/14 09:00	10/27/14 13:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/18/14 09:00	10/27/14 13:43	1
Manganese	1.3		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Nickel	0.019	J	0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Selenium	<0.050		0.050	0.020	mg/L		10/18/14 09:00	10/27/14 13:43	1
Silver	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/27/14 13:43	1
Zinc	0.041	J B	0.10	0.020	mg/L		10/18/14 09:00	10/27/14 13:43	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		10/20/14 11:10	10/25/14 19:40	1
Barium	0.13	J	0.50	0.050	mg/L		10/20/14 11:10	10/25/14 19:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 19:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 19:40	1
Chromium	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:40	1
Cobalt	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:40	1
Copper	0.011	J	0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:40	1
Iron	<0.20		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 19:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/20/14 11:10	10/25/14 19:40	1
Manganese	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:40	1
Nickel	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:40	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 19:40	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-1(4-8)-101314

Lab Sample ID: 500-85943-4

Date Collected: 10/13/14 10:00

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 19:40	1
Zinc	0.11		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 19:40	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<4.8		4.8	1.9	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Arsenic	4.2		2.4	0.47	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Barium	8.7		2.4	0.26	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Beryllium	0.28	J	0.95	0.19	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Cadmium	0.073	J B	0.48	0.061	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Calcium	140000	B	48	13	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Chromium	6.4	B	2.4	0.28	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Cobalt	1.9		1.2	0.24	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Copper	6.8		2.4	0.48	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Iron	5500		48	20	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Lead	4.0		1.2	0.36	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Magnesium	39000	B	24	4.9	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Manganese	230		2.4	0.48	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Nickel	6.9		2.4	0.48	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Potassium	320		120	7.2	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Selenium	<2.4		2.4	0.85	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Silver	<1.2		1.2	0.086	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Sodium	220	J	240	32	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Thallium	<2.4		2.4	1.0	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Vanadium	6.6		1.2	0.18	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5
Zinc	16	B	4.8	0.96	mg/Kg	☼	10/23/14 10:00	10/24/14 18:56	5

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		10/20/14 12:30	10/21/14 08:35	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		10/20/14 12:30	10/21/14 09:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	22	^ B	15	6.0	ug/Kg	☼	10/16/14 12:00	10/17/14 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.91		0.200	0.200	SU			10/22/14 17:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314

Lab Sample ID: 500-85943-9

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.6

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.7		5.7	2.5	ug/Kg	*		10/16/14 18:58	1
Benzene	<5.7		5.7	0.78	ug/Kg	*		10/16/14 18:58	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	*		10/16/14 18:58	1
Bromoform	<5.7		5.7	1.3	ug/Kg	*		10/16/14 18:58	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	*		10/16/14 18:58	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	*		10/16/14 18:58	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	*		10/16/14 18:58	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	*		10/16/14 18:58	1
Chloroethane	<5.7		5.7	1.6	ug/Kg	*		10/16/14 18:58	1
Chloroform	<5.7		5.7	0.66	ug/Kg	*		10/16/14 18:58	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	*		10/16/14 18:58	1
cis-1,2-Dichloroethene	<5.7		5.7	0.81	ug/Kg	*		10/16/14 18:58	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	*		10/16/14 18:58	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	*		10/16/14 18:58	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	*		10/16/14 18:58	1
1,2-Dichloroethane	<5.7		5.7	0.85	ug/Kg	*		10/16/14 18:58	1
1,1-Dichloroethene	<5.7		5.7	0.92	ug/Kg	*		10/16/14 18:58	1
1,2-Dichloropropane	<5.7		5.7	0.87	ug/Kg	*		10/16/14 18:58	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	*		10/16/14 18:58	1
Ethylbenzene	<5.7		5.7	1.2	ug/Kg	*		10/16/14 18:58	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	*		10/16/14 18:58	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	*		10/16/14 18:58	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	*		10/16/14 18:58	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	*		10/16/14 18:58	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	*		10/16/14 18:58	1
Styrene	<5.7		5.7	0.75	ug/Kg	*		10/16/14 18:58	1
1,1,1,2-Tetrachloroethane	<5.7		5.7	1.2	ug/Kg	*		10/16/14 18:58	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	*		10/16/14 18:58	1
Toluene	<5.7		5.7	0.80	ug/Kg	*		10/16/14 18:58	1
trans-1,2-Dichloroethene	<5.7		5.7	0.79	ug/Kg	*		10/16/14 18:58	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	*		10/16/14 18:58	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	*		10/16/14 18:58	1
1,1,2-Trichloroethane	<5.7		5.7	0.78	ug/Kg	*		10/16/14 18:58	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	*		10/16/14 18:58	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	*		10/16/14 18:58	1
Xylenes, Total	<11		11	0.52	ug/Kg	*		10/16/14 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 122		10/16/14 18:58	1
Dibromofluoromethane	99		75 - 120		10/16/14 18:58	1
1,2-Dichloroethane-d4 (Surr)	90		70 - 134		10/16/14 18:58	1
Toluene-d8 (Surr)	103		75 - 122		10/16/14 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	41	ug/Kg	*	10/16/14 17:29	10/25/14 00:50	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	*	10/16/14 17:29	10/25/14 00:50	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	*	10/16/14 17:29	10/25/14 00:50	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	*	10/16/14 17:29	10/25/14 00:50	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	*	10/16/14 17:29	10/25/14 00:50	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314

Lab Sample ID: 500-85943-9

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.6

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	86	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,4-Dinitrophenol	<760		760	670	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Methylphenol	<190		190	61	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
2-Nitrophenol	<380		380	89	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4,6-Dinitro-2-methylphenol	<380		380	300	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Anthracene	<38		38	6.3	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Benzo[a]anthracene	<38		38	5.1	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Benzo[a]pyrene	<38		38	7.3	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Benzo[b]fluoranthene	27 J		38	8.2	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Benzo[g,h,i]perylene	13 J		38	12	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Carbazole	<190		190	98	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Chrysene	15 J		38	10	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Dibenzofuran	<190		190	44	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Fluoranthene	15 J		38	7.0	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Fluorene	<38		38	5.3	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Hexachloroethane	<190		190	58	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314

Lab Sample ID: 500-85943-9

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<38		38	9.8	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Isophorone	<190		190	43	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Naphthalene	<38		38	5.8	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Nitrobenzene	<38		38	9.4	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Phenol	<190		190	84	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Pyrene	25	J	38	7.5	ug/Kg	☼	10/16/14 17:29	10/25/14 00:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	54		35 - 137				10/16/14 17:29	10/25/14 00:50	1
2-Fluorobiphenyl	40		25 - 119				10/16/14 17:29	10/25/14 00:50	1
2-Fluorophenol	47		25 - 110				10/16/14 17:29	10/25/14 00:50	1
Nitrobenzene-d5	38		25 - 115				10/16/14 17:29	10/25/14 00:50	1
Phenol-d5	41		31 - 110				10/16/14 17:29	10/25/14 00:50	1
Terphenyl-d14	90		36 - 134				10/16/14 17:29	10/25/14 00:50	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Barium	0.27	J	0.50	0.050	mg/L		10/18/14 09:00	10/21/14 17:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/18/14 09:00	10/21/14 17:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/18/14 09:00	10/21/14 17:17	1
Chromium	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Cobalt	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Copper	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Iron	<0.20		0.20	0.20	mg/L		10/18/14 09:00	10/21/14 17:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/18/14 09:00	10/21/14 17:17	1
Manganese	1.7		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Nickel	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Selenium	<0.050		0.050	0.020	mg/L		10/18/14 09:00	10/21/14 17:17	1
Silver	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:17	1
Zinc	0.020	J B	0.10	0.020	mg/L		10/18/14 09:00	10/21/14 17:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026	J	0.050	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Barium	0.30	J	0.50	0.050	mg/L		10/20/14 11:10	10/25/14 20:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 20:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 20:08	1
Chromium	0.072		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Cobalt	0.024	J	0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Copper	0.090		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Iron	75		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 20:08	1
Lead	0.079		0.075	0.075	mg/L		10/20/14 11:10	10/26/14 18:38	10
Manganese	1.1		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Nickel	0.072		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:08	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 20:08	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314

Lab Sample ID: 500-85943-9

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 20:08	1
Zinc	0.24		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 20:08	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.44	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Arsenic	3.4		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Barium	38		0.55	0.059	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Beryllium	0.31		0.22	0.044	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Cadmium	0.14	B	0.11	0.014	mg/Kg	☼	10/23/14 10:00	10/24/14 19:33	1
Calcium	46000		11	3.0	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Chromium	10		0.55	0.064	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Cobalt	5.0		0.27	0.055	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Copper	16		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Iron	10000		11	4.5	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Lead	8.8		0.27	0.082	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Magnesium	27000	B	5.5	1.1	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Manganese	360		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Nickel	12		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Potassium	1300		27	1.6	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Selenium	<0.55		0.55	0.19	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Silver	<0.27		0.27	0.020	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Sodium	1700		55	7.3	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Thallium	0.81		0.55	0.23	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Vanadium	15		0.27	0.041	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	1
Zinc	25	B	1.1	0.22	mg/Kg	☼	10/23/14 10:00	10/23/14 21:49	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		10/20/14 12:30	10/21/14 08:49	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		10/20/14 12:30	10/21/14 09:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	21	^ B	19	7.5	ug/Kg	☼	10/16/14 12:00	10/17/14 13:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.57		0.200	0.200	SU			10/22/14 17:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314D

Lab Sample ID: 500-85943-10

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 85.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	*		10/16/14 19:22	1
Benzene	<5.8		5.8	0.80	ug/Kg	*		10/16/14 19:22	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	*		10/16/14 19:22	1
Bromoform	<5.8		5.8	1.3	ug/Kg	*		10/16/14 19:22	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	*		10/16/14 19:22	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	*		10/16/14 19:22	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	*		10/16/14 19:22	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	*		10/16/14 19:22	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	*		10/16/14 19:22	1
Chloroform	<5.8		5.8	0.67	ug/Kg	*		10/16/14 19:22	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	*		10/16/14 19:22	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	*		10/16/14 19:22	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	*		10/16/14 19:22	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	*		10/16/14 19:22	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	*		10/16/14 19:22	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	*		10/16/14 19:22	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	*		10/16/14 19:22	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	*		10/16/14 19:22	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	*		10/16/14 19:22	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	*		10/16/14 19:22	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	*		10/16/14 19:22	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	*		10/16/14 19:22	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	*		10/16/14 19:22	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	*		10/16/14 19:22	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	*		10/16/14 19:22	1
Styrene	<5.8		5.8	0.76	ug/Kg	*		10/16/14 19:22	1
1,1,1,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	*		10/16/14 19:22	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	*		10/16/14 19:22	1
Toluene	<5.8		5.8	0.81	ug/Kg	*		10/16/14 19:22	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	*		10/16/14 19:22	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	*		10/16/14 19:22	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	*		10/16/14 19:22	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	*		10/16/14 19:22	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	*		10/16/14 19:22	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	*		10/16/14 19:22	1
Xylenes, Total	<12		12	0.53	ug/Kg	*		10/16/14 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 122		10/16/14 19:22	1
Dibromofluoromethane	102		75 - 120		10/16/14 19:22	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134		10/16/14 19:22	1
Toluene-d8 (Surr)	100		75 - 122		10/16/14 19:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	41	ug/Kg	*	10/16/14 17:29	10/25/14 01:11	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	*	10/16/14 17:29	10/25/14 01:11	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	*	10/16/14 17:29	10/25/14 01:11	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	*	10/16/14 17:29	10/25/14 01:11	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	*	10/16/14 17:29	10/25/14 01:11	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314D

Lab Sample ID: 500-85943-10

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	86	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,4-Dinitrophenol	<760		760	670	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Methylnaphthalene	<38		38	6.9	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Methylphenol	<190		190	61	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
2-Nitrophenol	<380		380	89	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4,6-Dinitro-2-methylphenol	<380		380	300	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Acenaphthene	13 J		38	6.8	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Anthracene	<38		38	6.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Benzo[a]anthracene	23 J		38	5.1	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Benzo[a]pyrene	29 J		38	7.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Benzo[b]fluoranthene	53		38	8.2	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Benzo[g,h,i]perylene	14 J		38	12	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Benzo[k]fluoranthene	21 J		38	11	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Carbazole	<190		190	98	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Chrysene	32 J		38	10	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Dibenzofuran	<190		190	44	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Fluoranthene	36 J		38	7.0	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Fluorene	<38		38	5.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Hexachloroethane	<190		190	57	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314D

Lab Sample ID: 500-85943-10

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	22	J	38	9.8	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Isophorone	<190		190	42	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Naphthalene	<38		38	5.8	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Nitrobenzene	<38		38	9.4	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Phenol	<190		190	84	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Pyrene	73		38	7.5	ug/Kg	☼	10/16/14 17:29	10/25/14 01:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	40		35 - 137				10/16/14 17:29	10/25/14 01:11	1
<i>2-Fluorobiphenyl</i>	27		25 - 119				10/16/14 17:29	10/25/14 01:11	1
<i>2-Fluorophenol</i>	40		25 - 110				10/16/14 17:29	10/25/14 01:11	1
<i>Nitrobenzene-d5</i>	29		25 - 115				10/16/14 17:29	10/25/14 01:11	1
<i>Phenol-d5</i>	33		31 - 110				10/16/14 17:29	10/25/14 01:11	1
<i>Terphenyl-d14</i>	84		36 - 134				10/16/14 17:29	10/25/14 01:11	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		10/18/14 09:00	10/21/14 17:23	1
Barium	0.25	J	0.50	0.050	mg/L		10/18/14 09:00	10/21/14 17:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/18/14 09:00	10/21/14 17:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/18/14 09:00	10/21/14 17:23	1
Chromium	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Cobalt	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Copper	0.010	J	0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Iron	<0.20		0.20	0.20	mg/L		10/18/14 09:00	10/21/14 17:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/18/14 09:00	10/21/14 17:23	1
Manganese	1.8		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Nickel	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Selenium	<0.050		0.050	0.020	mg/L		10/18/14 09:00	10/21/14 17:23	1
Silver	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:23	1
Zinc	0.094	J B	0.10	0.020	mg/L		10/18/14 09:00	10/21/14 17:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.033	J	0.050	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Barium	0.37	J	0.50	0.050	mg/L		10/20/14 11:10	10/25/14 20:12	1
Beryllium	0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 20:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 20:12	1
Chromium	0.087		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Cobalt	0.036		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Copper	0.12		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Iron	94		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 20:12	1
Lead	0.093		0.075	0.075	mg/L		10/20/14 11:10	10/26/14 18:44	10
Manganese	1.3		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Nickel	0.10		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:12	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 20:12	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(0-4)-101314D

Lab Sample ID: 500-85943-10

Date Collected: 10/13/14 11:15

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 20:12	1
Zinc	0.32		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 20:12	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.44	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Arsenic	3.9		0.54	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Barium	51		0.54	0.058	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Beryllium	0.37		0.22	0.043	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Cadmium	0.18	B	0.11	0.014	mg/Kg	☼	10/23/14 10:00	10/24/14 19:38	1
Calcium	51000		11	2.9	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Chromium	19		0.54	0.063	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Cobalt	5.3		0.27	0.054	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Copper	12		0.54	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Iron	11000		11	4.4	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Lead	13		0.27	0.081	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Magnesium	31000	B	5.4	1.1	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Manganese	580		0.54	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Nickel	9.9		0.54	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Potassium	1000		27	1.6	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Selenium	<0.54		0.54	0.19	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Silver	<0.27		0.27	0.020	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Sodium	2100		54	7.3	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Thallium	1.1		0.54	0.23	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Vanadium	21		0.27	0.040	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	1
Zinc	29	B	1.1	0.22	mg/Kg	☼	10/23/14 10:00	10/23/14 21:55	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		10/20/14 12:30	10/21/14 08:51	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		10/20/14 12:30	10/21/14 09:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	50	^ B	18	7.1	ug/Kg	☼	10/16/14 12:00	10/17/14 13:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.54		0.200	0.200	SU			10/22/14 17:14	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(4-8)-101314

Lab Sample ID: 500-85943-11

Date Collected: 10/13/14 11:20

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.7		5.7	2.5	ug/Kg	*		10/16/14 14:10	1
Benzene	<5.7		5.7	0.78	ug/Kg	*		10/16/14 14:10	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	*		10/16/14 14:10	1
Bromoform	<5.7		5.7	1.3	ug/Kg	*		10/16/14 14:10	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	*		10/16/14 14:10	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	*		10/16/14 14:10	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	*		10/16/14 14:10	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	*		10/16/14 14:10	1
Chloroethane	<5.7		5.7	1.6	ug/Kg	*		10/16/14 14:10	1
Chloroform	<5.7		5.7	0.66	ug/Kg	*		10/16/14 14:10	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	*		10/16/14 14:10	1
cis-1,2-Dichloroethene	<5.7		5.7	0.81	ug/Kg	*		10/16/14 14:10	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	*		10/16/14 14:10	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	*		10/16/14 14:10	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	*		10/16/14 14:10	1
1,2-Dichloroethane	<5.7		5.7	0.85	ug/Kg	*		10/16/14 14:10	1
1,1,1-Dichloroethane	<5.7		5.7	0.92	ug/Kg	*		10/16/14 14:10	1
1,2-Dichloropropane	<5.7		5.7	0.87	ug/Kg	*		10/16/14 14:10	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	*		10/16/14 14:10	1
Ethylbenzene	<5.7		5.7	1.2	ug/Kg	*		10/16/14 14:10	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	*		10/16/14 14:10	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	*		10/16/14 14:10	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	*		10/16/14 14:10	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	*		10/16/14 14:10	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	*		10/16/14 14:10	1
Styrene	<5.7		5.7	0.75	ug/Kg	*		10/16/14 14:10	1
1,1,1,2-Tetrachloroethane	<5.7		5.7	1.2	ug/Kg	*		10/16/14 14:10	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	*		10/16/14 14:10	1
Toluene	<5.7		5.7	0.80	ug/Kg	*		10/16/14 14:10	1
trans-1,2-Dichloroethene	<5.7		5.7	0.78	ug/Kg	*		10/16/14 14:10	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	*		10/16/14 14:10	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	*		10/16/14 14:10	1
1,1,2-Trichloroethane	<5.7		5.7	0.78	ug/Kg	*		10/16/14 14:10	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	*		10/16/14 14:10	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	*		10/16/14 14:10	1
Xylenes, Total	<11		11	0.52	ug/Kg	*		10/16/14 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 122		10/16/14 14:10	1
Dibromofluoromethane	99		75 - 120		10/16/14 14:10	1
1,2-Dichloroethane-d4 (Surr)	91		70 - 134		10/16/14 14:10	1
Toluene-d8 (Surr)	101		75 - 122		10/16/14 14:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<180		180	38	ug/Kg	*	10/16/14 17:29	10/25/14 01:32	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	*	10/16/14 17:29	10/25/14 01:32	1
1,3-Dichlorobenzene	<180		180	40	ug/Kg	*	10/16/14 17:29	10/25/14 01:32	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	*	10/16/14 17:29	10/25/14 01:32	1
2,2'-oxybis[1-chloropropane]	<180		180	41	ug/Kg	*	10/16/14 17:29	10/25/14 01:32	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(4-8)-101314

Lab Sample ID: 500-85943-11

Date Collected: 10/13/14 11:20

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<350		350	81	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,4,6-Trichlorophenol	<350		350	120	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,4-Dichlorophenol	<350		350	85	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,4-Dimethylphenol	<350		350	140	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,4-Dinitrophenol	<720		720	630	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2,6-Dinitrotoluene	<180		180	70	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Chloronaphthalene	<180		180	39	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Chlorophenol	<180		180	61	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Methylnaphthalene	<35		35	6.6	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Methylphenol	<180		180	57	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Nitroaniline	<180		180	48	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
2-Nitrophenol	<350		350	84	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
3 & 4 Methylphenol	<180		180	59	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
3-Nitroaniline	<350		350	110	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4,6-Dinitro-2-methylphenol	<350		350	290	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Bromophenyl phenyl ether	<180		180	47	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Chloro-3-methylphenol	<350		350	120	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Chloroaniline	<720		720	170	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Nitroaniline	<350		350	150	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
4-Nitrophenol	<720		720	340	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Acenaphthene	<35		35	6.4	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Acenaphthylene	<35		35	4.7	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Anthracene	<35		35	6.0	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Benzo[a]anthracene	<35		35	4.8	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Benzo[a]pyrene	<35		35	6.9	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Benzo[b]fluoranthene	<35		35	7.7	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Benzo[g,h,i]perylene	<35		35	11	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Benzo[k]fluoranthene	<35		35	11	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Bis(2-chloroethoxy)methane	<180		180	36	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Bis(2-chloroethyl)ether	<180		180	53	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Bis(2-ethylhexyl) phthalate	<180		180	65	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Butyl benzyl phthalate	<180		180	68	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Carbazole	<180		180	92	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Chrysene	<35		35	9.7	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Dibenz(a,h)anthracene	<35		35	6.9	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Dibenzofuran	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Diethyl phthalate	<180		180	60	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Di-n-butyl phthalate	<180		180	54	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Di-n-octyl phthalate	<180		180	58	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Fluoranthene	<35		35	6.6	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Fluorene	<35		35	5.0	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Hexachlorobenzene	<72		72	8.3	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Hexachlorobutadiene	<180		180	56	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Hexachlorocyclopentadiene	<720		720	210	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Hexachloroethane	<180		180	54	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(4-8)-101314

Lab Sample ID: 500-85943-11

Date Collected: 10/13/14 11:20

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 87.7

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	<35		35	9.2	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Isophorone	<180		180	40	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Naphthalene	<35		35	5.5	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Nitrobenzene	<35		35	8.9	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
N-Nitrosodiphenylamine	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Pentachlorophenol	<720		720	570	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Phenanthrene	<35		35	5.0	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Phenol	<180		180	79	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Pyrene	<35		35	7.1	ug/Kg	☼	10/16/14 17:29	10/25/14 01:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	29	X	35 - 137				10/16/14 17:29	10/25/14 01:32	1
2-Fluorobiphenyl	39		25 - 119				10/16/14 17:29	10/25/14 01:32	1
2-Fluorophenol	47		25 - 110				10/16/14 17:29	10/25/14 01:32	1
Nitrobenzene-d5	39		25 - 115				10/16/14 17:29	10/25/14 01:32	1
Phenol-d5	34		31 - 110				10/16/14 17:29	10/25/14 01:32	1
Terphenyl-d14	55		36 - 134				10/16/14 17:29	10/25/14 01:32	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		10/18/14 09:00	10/21/14 17:36	1
Barium	0.29	J	0.50	0.050	mg/L		10/18/14 09:00	10/21/14 17:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/18/14 09:00	10/21/14 17:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/18/14 09:00	10/21/14 17:36	1
Chromium	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Cobalt	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Copper	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Iron	<0.20		0.20	0.20	mg/L		10/18/14 09:00	10/21/14 17:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/18/14 09:00	10/21/14 17:36	1
Manganese	0.82		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Nickel	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Selenium	<0.050		0.050	0.020	mg/L		10/18/14 09:00	10/21/14 17:36	1
Silver	<0.025		0.025	0.010	mg/L		10/18/14 09:00	10/21/14 17:36	1
Zinc	0.023	J B	0.10	0.020	mg/L		10/18/14 09:00	10/21/14 17:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.017	J	0.050	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Barium	0.42	J	0.50	0.050	mg/L		10/20/14 11:10	10/25/14 20:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 20:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 20:16	1
Chromium	0.070		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Cobalt	0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Copper	0.097		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Iron	64		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 20:16	1
Lead	<0.075		0.075	0.075	mg/L		10/20/14 11:10	10/26/14 18:50	10
Manganese	0.42		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Nickel	0.080		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 20:16	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 20:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: UP-4(4-8)-101314

Lab Sample ID: 500-85943-11

Date Collected: 10/13/14 11:20

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 20:16	1
Zinc	0.34		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 20:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.44	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Arsenic	3.0		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Barium	25		0.55	0.059	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Beryllium	0.33		0.22	0.044	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Cadmium	0.10	J B	0.11	0.014	mg/Kg	☼	10/23/14 10:00	10/24/14 19:52	1
Calcium	47000		11	3.0	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Chromium	9.5		0.55	0.064	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Cobalt	5.1		0.28	0.055	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Copper	11		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Iron	9700		11	4.5	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Lead	5.1		0.28	0.082	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Magnesium	26000	B	5.5	1.1	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Manganese	240		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Nickel	13		0.55	0.11	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Potassium	1800		28	1.7	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Selenium	<0.55		0.55	0.20	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Silver	<0.28		0.28	0.020	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Sodium	1800		55	7.4	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Thallium	0.48	J	0.55	0.23	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Vanadium	12		0.28	0.041	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	1
Zinc	22	B	1.1	0.22	mg/Kg	☼	10/23/14 10:00	10/23/14 22:01	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		10/20/14 12:30	10/21/14 08:53	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		10/20/14 12:30	10/21/14 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	9.2	J ^ B	18	7.2	ug/Kg	☼	10/16/14 12:00	10/17/14 13:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.38		0.200	0.200	SU			10/22/14 17:14	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Laboratory: TestAmerica Chicago

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

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

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

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

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534



500-85943 COC

Report To Contact: <u>S. Babusukumar</u> Company: <u>Weston Solutions</u> Address: <u>300 Plaza Circle St 202</u> Address: <u>Mundelein, IL 60060</u> Phone: <u>924-864-7200</u> Fax: _____ E-Mail: _____	(optional)	Bill To Contact: _____ Company: _____ Address: <u>SAME</u> Address: _____ Phone: _____ Fax: _____ PO#/Reference# _____	(optional)
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Chain of Custody Record

Lab Job #: 500-85943
Chain of Custody Number: _____
Page 1 of 2
Temperature °C of Cooler: 36

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>Weston Solutions</u>											
Project Name		Lab Project #		Date		Time		# of Containers		Matrix	
<u>IDOT 073 - Elgin</u>											
Project Location/State		Lab PM		Sampling		Matrix		Matrix		Matrix	
<u>Elgin, IL</u>		<u>D. Wright</u>									
Sampler		Lab PM		Date		Time		# of Containers		Matrix	
<u>M. Straw</u>		<u>D. Wright</u>									
Lab ID	M/S/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH
1		VL-1(0-2)-101314	10/13/14	0905	2	S	X	X	X	X	X
2		VL-2(0-2)-101314		0925	2	S	X	X	X	X	X
3		UP-1(0-4)-101314		0955	2	S	X	X	X	X	X
4		UP-1(4-8)-101314		1000	2	S	X	X	X	X	X
5		UP-2(0-4)-101314		1015	2	S	X	X	X	X	X
6		UP-2(4-8)-101314		1020	2	S	X	X	X	X	X
7		UP-3(0-4)-101314		1040	2	S	X	X	X	X	X
8		UP-3(4-8)-101314		1045	2	S	X	X	X	X	X
9		UP-4(0-4)-101314		1115	2	S	X	X	X	X	X
10		UP-4(0-4)-101314D		1115	2	S	X	X	X	X	X

- 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

Turnaround Time Required (Business Days)

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

Sample Disposal

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

Relinquished By <u>M. Straw</u> Company <u>Weston</u>	Date <u>10/13/14</u>	Time <u>1315</u>	Received By <u>[Signature]</u> Company <u>JA</u>	Date <u>10/13/14</u>	Time <u>1315</u>
Relinquished By <u>[Signature]</u> Company <u>JA</u>	Date <u>10/13/14</u>	Time <u>1445</u>	Received By <u>[Signature]</u> Company <u>JA-UP1</u>	Date <u>10/13/14</u>	Time <u>1445</u>
Relinquished By Company	Date	Time	Received By Company	Date	Time

Lab Courier: JA
Shipped: _____
Hand Delivered: _____

- 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: _____

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. Babu Sukumar
 Contact: Weston Solutions
 Company: 300 Plaza Circle Ste 202
 Address: Mundelein, IL 60060
 Address: 224-864-7200
 Phone: 224-864-7200
 Fax: _____
 E-Mail: _____

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

Chain of Custody Record

Lab Job #: 500-85943
 Chain of Custody Number: _____
 Page 2 of 2
 Temperature °C of Cooler: 3.6

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>Weston Solutions</u>											
Project Name		Lab Project #		Sampling		# of Containers		Matrix		Preservative Key	
<u>IDOT 073 - Elgin, IL</u>				Date Time		Matrix				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 Location/State		Lab Project #		Date		Time		Matrix		Comments	
<u>Elgin, IL</u>											
Sampler		Lab PM		Date		Time		Matrix		Comments	
<u>M. Straw</u>		<u>D. Wright</u>									
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCPLP / SPLP Metals	pH
<u>11</u>		<u>UP-4(4-8)-101314</u>	<u>10/13/14</u>	<u>1120</u>	<u>2</u>	<u>S</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>Method 10/13/14</u>											

Turnaround Time Required (Business Days)
 ___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Standard 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>M Straw</u>	Company <u>Weston</u>	Date <u>10/13/14</u>	Time <u>1315</u>	Received By <u>[Signature]</u>	Company <u>TR</u>	Date <u>10/13/14</u>	Time <u>1315</u>	Lab Courier <u>TR</u>
Relinquished By <u>[Signature]</u>	Company <u>TR</u>	Date <u>10/13/14</u>	Time <u>1445</u>	Received By <u>Shen Scott</u>	Company <u>TR - CART</u>	Date <u>10/13/14</u>	Time <u>1445</u>	Shipped _____
Relinquished By _____	Company _____	Date _____	Time _____	Received By _____	Company _____	Date _____	Time _____	Hand Delivered _____

- 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: _____



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: FAU 3887: IL 31 (State St) at UPRR Crossing Office Phone Number, if available: _____

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

100 block of S. State Street (southeast quadrants of S. State St. and Locust St.)

City: Elgin State: IL Zip Code: _____

County: Kane Township: _____

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

Latitude: 42.033564490 Longitude: -88.285171319

(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

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

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

Contact: Sam Mead

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

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

PO Box: _____

City: Schaumburg State: IL

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

Contact: Sam Mead

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

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

Project Name: FAU 3887: IL 31 (State St.) at UPRR Crossing

Latitude: 42.033564490 Longitude: -88.285171319

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

Location VL-1 was sampled adjacent to ISGS Site No. 2904-3. See Figure 3-1 and Table 4-1 of the Revised Preliminary Site Investigation Report for sampling details.

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

Test America Analytical Report - Job ID: 500-85943-1

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

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

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

Company Name: Illinois Department of Transportation

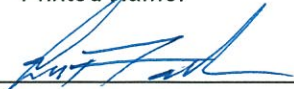
Street Address: 2300 South Dirksen Parkway

City: Springfield State: IL Zip Code: 62764

Phone: 217-785-4246

Kurt T. Fischer, P.G.

Printed Name:



11/7/14

Date:



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

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Summary Table of ISGS Site No. 2904-3
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3887: IL Route 31 (State Street) at UPRR Crossing
Elign, Kane County, Illinois

Field Sample ID	VL-1(0-2)-101314	Soil Reference Concentrations^A
Sample Date	10/13/2014	
Location ID	VL-1	
Depth	0 - 2	
ISGS Site Number	2904-3	
Parameter		
Laboratory pH (s.u.)	8.81	<6.25, >9.0
VOCs (ug/kg)	None Detected	
SPLP Metals (mg/l)	None Detected	
SVOCs (ug/kg)		
Benzo(a)anthracene	37	900 / 1100 / 1800
Benzo(a)pyrene	47	90 / 1300 / 2100
Benzo(b)fluoranthene	61	900 / 1500 / 2100
Benzo(g,h,i)perylene	47	---
Benzo(k)fluoranthene	28 J	9000
Chrysene	37	88000
Dibenzo(a,h)anthracene	13 J	90 / 200 / 420
Fluoranthene	48	3100000
Indeno(1,2,3-cd)pyrene	36	900 / 900 / 1600
Phenanthrene	11 J	---
Pyrene	64	2300000
Total Metals (mg/kg)		
Arsenic, Total	4.9	11.3 / 13
Barium, Total	37	1500
Beryllium, Total	0.56 J	22
Calcium, Total	150000 B	---
Chromium, Total	20 B	21
Cobalt, Total	2.9	20
Copper, Total	17	2900
Iron, Total	11000	15000 / 15900
Lead, Total	13	107
Magnesium, Total	73000 B	325000
Manganese, Total	840	630 / 636
Nickel, Total	8.4	100
Potassium, Total	520	---
Sodium, Total	360	---
Vanadium, Total	15	550
TCLP Metals (mg/l)		
Barium, TCLP	0.22 J	2
Cadmium, TCLP	0.0025 J	0.005
Manganese, TCLP	1.4	0.15
Nickel, TCLP	0.018 J	0.1
Zinc, TCLP	0.028 J	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

 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: 500-85943-1
Client Project/Site: IDOT - Elgin - WO 073

For:
Weston Solutions, Inc.
300 Plaza Circle, Suite 202
Mundelein, Illinois 60060

Attn: Mr. S. Babusukumar



Authorized for release by:
10/27/2014 4:44:53 PM

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

LINKS

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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.

- 1
- 2
- 3
- 4
- 5
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- 14
- 15

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: VL-1(0-2)-101314

Lab Sample ID: 500-85943-1

Date Collected: 10/13/14 09:05

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 90.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.5		5.5	2.4	ug/Kg	☼		10/15/14 18:53	1
Benzene	<5.5		5.5	0.76	ug/Kg	☼		10/15/14 18:53	1
Bromodichloromethane	<5.5		5.5	0.95	ug/Kg	☼		10/15/14 18:53	1
Bromoform	<5.5		5.5	1.3	ug/Kg	☼		10/15/14 18:53	1
Bromomethane	<5.5		5.5	1.7	ug/Kg	☼		10/15/14 18:53	1
Carbon disulfide	<5.5		5.5	0.83	ug/Kg	☼		10/15/14 18:53	1
Carbon tetrachloride	<5.5		5.5	1.0	ug/Kg	☼		10/15/14 18:53	1
Chlorobenzene	<5.5		5.5	0.56	ug/Kg	☼		10/15/14 18:53	1
Chloroethane	<5.5 *		5.5	1.5	ug/Kg	☼		10/15/14 18:53	1
Chloroform	<5.5		5.5	0.64	ug/Kg	☼		10/15/14 18:53	1
Chloromethane	<5.5		5.5	1.2	ug/Kg	☼		10/15/14 18:53	1
cis-1,2-Dichloroethene	<5.5		5.5	0.78	ug/Kg	☼		10/15/14 18:53	1
cis-1,3-Dichloropropene	<5.5		5.5	0.72	ug/Kg	☼		10/15/14 18:53	1
Dibromochloromethane	<5.5		5.5	0.96	ug/Kg	☼		10/15/14 18:53	1
1,1-Dichloroethane	<5.5		5.5	0.87	ug/Kg	☼		10/15/14 18:53	1
1,2-Dichloroethane	<5.5		5.5	0.82	ug/Kg	☼		10/15/14 18:53	1
1,1-Dichloroethene	<5.5		5.5	0.89	ug/Kg	☼		10/15/14 18:53	1
1,2-Dichloropropane	<5.5		5.5	0.84	ug/Kg	☼		10/15/14 18:53	1
1,3-Dichloropropene, Total	<5.5		5.5	0.72	ug/Kg	☼		10/15/14 18:53	1
Ethylbenzene	<5.5		5.5	1.1	ug/Kg	☼		10/15/14 18:53	1
2-Hexanone	<5.5		5.5	1.6	ug/Kg	☼		10/15/14 18:53	1
Methylene Chloride	<5.5		5.5	1.5	ug/Kg	☼		10/15/14 18:53	1
Methyl Ethyl Ketone	<5.5		5.5	2.0	ug/Kg	☼		10/15/14 18:53	1
methyl isobutyl ketone	<5.5		5.5	1.4	ug/Kg	☼		10/15/14 18:53	1
Methyl tert-butyl ether	<5.5		5.5	0.91	ug/Kg	☼		10/15/14 18:53	1
Styrene	<5.5		5.5	0.72	ug/Kg	☼		10/15/14 18:53	1
1,1,1,2-Tetrachloroethane	<5.5		5.5	1.1	ug/Kg	☼		10/15/14 18:53	1
Tetrachloroethene	<5.5		5.5	0.84	ug/Kg	☼		10/15/14 18:53	1
Toluene	<5.5		5.5	0.77	ug/Kg	☼		10/15/14 18:53	1
trans-1,2-Dichloroethene	<5.5		5.5	0.76	ug/Kg	☼		10/15/14 18:53	1
trans-1,3-Dichloropropene	<5.5		5.5	0.99	ug/Kg	☼		10/15/14 18:53	1
1,1,1-Trichloroethane	<5.5		5.5	0.83	ug/Kg	☼		10/15/14 18:53	1
1,1,2-Trichloroethane	<5.5		5.5	0.75	ug/Kg	☼		10/15/14 18:53	1
Trichloroethene	<5.5		5.5	0.91	ug/Kg	☼		10/15/14 18:53	1
Vinyl chloride	<5.5		5.5	1.2	ug/Kg	☼		10/15/14 18:53	1
Xylenes, Total	<11		11	0.50	ug/Kg	☼		10/15/14 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 122		10/15/14 18:53	1
Dibromofluoromethane	91		75 - 120		10/15/14 18:53	1
1,2-Dichloroethane-d4 (Surr)	89		70 - 134		10/15/14 18:53	1
Toluene-d8 (Surr)	99		75 - 122		10/15/14 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<180		180	39	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: VL-1(0-2)-101314

Lab Sample ID: 500-85943-1

Date Collected: 10/13/14 09:05

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 90.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<360		360	82	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,4-Dichlorophenol	<360		360	86	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,4-Dinitrophenol	<730		730	640	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2,6-Dinitrotoluene	<180		180	71	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Methylnaphthalene	<36		36	6.6	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Methylphenol	<180		180	58	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
2-Nitrophenol	<360		360	85	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
3 & 4 Methylphenol	<180		180	60	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Chloroaniline	<730		730	170	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
4-Nitrophenol	<730		730	340	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Acenaphthene	<36		36	6.5	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Acenaphthylene	<36		36	4.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Anthracene	<36		36	6.0	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Benzo[a]anthracene	37		36	4.9	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Benzo[a]pyrene	47		36	7.0	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Benzo[b]fluoranthene	61		36	7.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Benzo[g,h,i]perylene	47		36	12	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Benzo[k]fluoranthene	28 J		36	11	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Butyl benzyl phthalate	<180		180	69	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Carbazole	<180		180	93	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Chrysene	37		36	9.8	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Dibenz(a,h)anthracene	13 J		36	7.0	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Dibenzofuran	<180		180	42	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Diethyl phthalate	<180		180	61	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Di-n-octyl phthalate	<180		180	59	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Fluoranthene	48		36	6.7	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Fluorene	<36		36	5.1	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Hexachlorobenzene	<73		73	8.4	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Hexachlorocyclopentadiene	<730		730	210	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Hexachloroethane	<180		180	55	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: VL-1(0-2)-101314

Lab Sample ID: 500-85943-1

Date Collected: 10/13/14 09:05

Matrix: Solid

Date Received: 10/13/14 14:45

Percent Solids: 90.5

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	36		36	9.4	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Isophorone	<180		180	41	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Naphthalene	<36		36	5.5	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Nitrobenzene	<36		36	9.0	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Pentachlorophenol	<730		730	580	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Phenanthrene	11 J		36	5.0	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Phenol	<180		180	80	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Pyrene	64		36	7.2	ug/Kg	☼	10/16/14 17:29	10/24/14 22:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	22	X	35 - 137				10/16/14 17:29	10/24/14 22:03	1
2-Fluorobiphenyl	40		25 - 119				10/16/14 17:29	10/24/14 22:03	1
2-Fluorophenol	40		25 - 110				10/16/14 17:29	10/24/14 22:03	1
Nitrobenzene-d5	42		25 - 115				10/16/14 17:29	10/24/14 22:03	1
Phenol-d5	33		31 - 110				10/16/14 17:29	10/24/14 22:03	1
Terphenyl-d14	55		36 - 134				10/16/14 17:29	10/24/14 22:03	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		10/20/14 11:15	10/20/14 22:56	1
Barium	0.22 J		0.50	0.050	mg/L		10/20/14 11:15	10/20/14 22:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:15	10/20/14 22:56	1
Cadmium	0.0025 J		0.0050	0.0020	mg/L		10/20/14 11:15	10/20/14 22:56	1
Chromium	<0.025		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Cobalt	<0.025		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Copper	<0.025		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Iron	<0.20		0.20	0.20	mg/L		10/20/14 11:15	10/20/14 22:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/20/14 11:15	10/20/14 22:56	1
Manganese	1.4		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Nickel	0.018 J		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:15	10/21/14 19:00	1
Silver	<0.025		0.025	0.010	mg/L		10/20/14 11:15	10/20/14 22:56	1
Zinc	0.028 J ^		0.10	0.020	mg/L		10/20/14 11:15	10/20/14 22:56	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		10/20/14 11:10	10/25/14 19:28	1
Barium	<0.50		0.50	0.050	mg/L		10/20/14 11:10	10/25/14 19:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/20/14 11:10	10/25/14 19:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/20/14 11:10	10/25/14 19:28	1
Chromium	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:28	1
Cobalt	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:28	1
Copper	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:28	1
Iron	<0.20		0.20	0.20	mg/L		10/20/14 11:10	10/25/14 19:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/20/14 11:10	10/25/14 19:28	1
Manganese	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:28	1
Nickel	<0.025		0.025	0.010	mg/L		10/20/14 11:10	10/25/14 19:28	1
Selenium	<0.050		0.050	0.020	mg/L		10/20/14 11:10	10/25/14 19:28	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Client Sample ID: VL-1(0-2)-101314

Lab Sample ID: 500-85943-1

Date Collected: 10/13/14 09:05

Matrix: Solid

Date Received: 10/13/14 14:45

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		10/20/14 11:10	10/25/14 19:28	1
Zinc	<0.10		0.10	0.020	mg/L		10/20/14 11:10	10/25/14 19:28	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.4		5.4	2.2	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Arsenic	4.9		2.7	0.54	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Barium	37		2.7	0.29	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Beryllium	0.56	J	1.1	0.22	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Cadmium	0.52	J B	0.54	0.068	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Calcium	150000	B	54	15	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Chromium	20	B	2.7	0.31	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Cobalt	2.9		1.3	0.27	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Copper	17		2.7	0.54	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Iron	11000		54	22	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Lead	13		1.3	0.40	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Magnesium	73000	B	27	5.6	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Manganese	840		2.7	0.54	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Nickel	8.4		2.7	0.54	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Potassium	520		130	8.1	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Selenium	<2.7		2.7	0.96	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Silver	<1.3		1.3	0.098	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Sodium	360		270	36	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Thallium	<2.7		2.7	1.1	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Vanadium	15		1.3	0.20	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5
Zinc	32	B	5.4	1.1	mg/Kg	☼	10/23/14 10:00	10/24/14 18:25	5

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		10/20/14 12:30	10/21/14 08:26	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		10/20/14 12:30	10/21/14 09:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	45	^ B	16	6.4	ug/Kg	☼	10/16/14 12:00	10/17/14 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.81		0.200	0.200	SU			10/22/14 17:14	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.
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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Elgin - WO 073

TestAmerica Job ID: 500-85943-1

Laboratory: TestAmerica Chicago

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

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

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

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

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.534



500-85943 COC

Report To Contact: <u>S. Babusukumar</u> Company: <u>Weston Solutions</u> Address: <u>300 Plaza Circle St 202</u> Address: <u>Mundelein, IL 60060</u> Phone: <u>924-864-7200</u> Fax: _____ E-Mail: _____	(optional)	Bill To Contact: _____ Company: _____ Address: <u>SAME</u> Address: _____ Phone: _____ Fax: _____ PO#/Reference# _____	(optional)
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Chain of Custody Record

Lab Job #: 500-85943
Chain of Custody Number: _____
Page 1 of 2
Temperature °C of Cooler: 36

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>Weston Solutions</u>											
Project Name		Lab Project #		Date		Time		# of Containers		Matrix	
<u>IDOT 073 - Elgin</u>											
Project Location/State		Lab PM		Sampling		Matrix		Matrix		Matrix	
<u>Elgin, IL</u>		<u>D. Wright</u>									
Sampler		Lab PM		Date		Time		# of Containers		Matrix	
<u>M. Straw</u>		<u>D. Wright</u>									
Lab ID	M/S/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH
1		VL-1(0-2)-101314	10/13/14	0905	2	S	X	X	X	X	X
2		VL-2(0-2)-101314		0925	2	S	X	X	X	X	X
3		UP-1(0-4)-101314		0955	2	S	X	X	X	X	X
4		UP-1(4-8)-101314		1000	2	S	X	X	X	X	X
5		UP-2(0-4)-101314		1015	2	S	X	X	X	X	X
6		UP-2(4-8)-101314		1020	2	S	X	X	X	X	X
7		UP-3(0-4)-101314		1040	2	S	X	X	X	X	X
8		UP-3(4-8)-101314		1045	2	S	X	X	X	X	X
9		UP-4(0-4)-101314		1115	2	S	X	X	X	X	X
10		UP-4(0-4)-101314D		1115	2	S	X	X	X	X	X

- 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

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Standard 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>M. Straw</u> Company <u>Weston</u>	Date <u>10/13/14</u>	Time <u>1315</u>	Received By <u>[Signature]</u> Company <u>JA</u>	Date <u>10/13/14</u>	Time <u>1315</u>
Relinquished By <u>[Signature]</u> Company <u>JA</u>	Date <u>10/13/14</u>	Time <u>1445</u>	Received By <u>[Signature]</u> Company <u>JA-UP</u>	Date <u>10/13/14</u>	Time <u>1445</u>
Relinquished By Company	Date	Time	Received By Company	Date	Time

Lab Courier: JA

Shipped: _____

Hand Delivered: _____

- 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:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional)	Bill To (optional)
Contact: <u>S. Babu Sukumar</u>	Contact: _____
Company: <u>Weston Solutions</u>	Company: _____
Address: <u>300 Plaza Circle Ste 202</u>	Address: _____
Address: <u>Mundelein, IL 60060</u>	Address: <u>SAME</u>
Phone: <u>224-864-7200</u>	Phone: _____
Fax: _____	Fax: _____
E-Mail: _____	PO#/Reference# _____

Chain of Custody Record

Lab Job #: 500-85943

Chain of Custody Number: _____

Page 2 of 2

Temperature °C of Cooler: 3.6

Client		Client Project #		Preservative		Parameter		Matrix		Comments	
<u>Weston Solutions</u>											
Project Name		Lab Project #		Sampling		# of Containers		Matrix		Preservative Key	
<u>IDOT 073 - Elgin, IL</u>				Date Time		Matrix				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 Location/State		Lab Project #		Date		Time		# of Containers		Matrix	
<u>Elgin, IL</u>											
Sampler		Lab PM		Date		Time		# of Containers		Matrix	
<u>M. Straw</u>		<u>D. Wright</u>									
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCUP/SPLP Metals	pH
<u>11</u>		<u>UP-4(4-8)-101314</u>	<u>10/13/14</u>	<u>1120</u>	<u>2</u>	<u>S</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>	<u>X</u>
<u>Method 10/13/14</u>											

Turnaround Time Required (Business Days)

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

Sample Disposal

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

Relinquished By: <u>M. Straw</u>	Company: <u>Weston</u>	Date: <u>10/13/14</u>	Time: <u>1315</u>	Received By: <u>[Signature]</u>	Company: <u>TA</u>	Date: <u>10/13/14</u>	Time: <u>1315</u>
Relinquished By: <u>[Signature]</u>	Company: <u>TA</u>	Date: <u>10/13/14</u>	Time: <u>1445</u>	Received By: <u>Shawn Scott</u>	Company: <u>TA-CART</u>	Date: <u>10/13/14</u>	Time: <u>1445</u>
Relinquished By: _____	Company: _____	Date: _____	Time: _____	Received By: _____	Company: _____	Date: _____	Time: _____

Lab Courier: TA

Shipped: _____

Hand Delivered: _____

- 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: