



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

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

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

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

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

I. Source Location Information

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

Project Name: FAP 372: IL 171 (1st Ave) from 47th St to 55th St Office Phone Number, if available: _____

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

I-55/IL 171 Interchange between Des Plaines River and the Chicago Sanitary and Ship Canal

City: Summit State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 41.792214719 Longitude: -87.822264132
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

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

II. Owner/Operator Information for Source Site

Site Owner

Site Operator

Name: Illinois Department of Transportation

Name: Illinois Department of Transportation

Street Address: 201 West Center Court

Street Address: 201 West Center Court

PO Box: _____

PO Box: _____

City: Schaumburg State: IL

City: Schaumburg State: IL

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

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

Contact: Sam Mead

Contact: Sam Mead

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

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

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

Project Name: FAP 372: IL 171 (1st Ave) from 47th St to 55th St
Latitude: 41.792214719 Longitude: -87.822264132

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 IN-1 THOUGH IN-12 WERE SAMPLED ADJACENT TO ISGS SITE No. 1860-23. 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: 500-74347-1
TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-74352-1


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

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

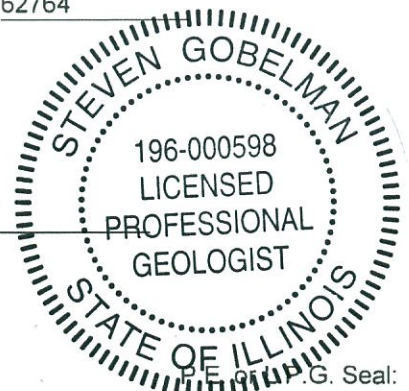
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: Illinois Department of Transportation
Street Address: 2300 South Dirksen Parkway
City: Springfield State: IL Zip Code: 62764
Phone: 217-785-4246

Steven Gobelman, P.E., L.P.G
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

6/11/14
Date:



Summary Table of ISGS Site No. 1860-23
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 372: Illinois Route 171 (First Avenue) from 47th Street to 55th Street
Lyons, McCook, and Summit, Cook County, Illinois

Field Sample ID	IN-1(0-5)-040214	IN-2(0-6)-040214	IN-3(0-3)-040214	IN-3(3-7)-040214	IN-4(0-3)-040214	IN-4(3-7)-040214	IN-5(0-6)-040214	IN-6(0-5)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-1	IN-2	IN-3	IN-3	IN-4	IN-4	IN-5	IN-6	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 6	0 - 3	3 - 7	0 - 3	3 - 7	0 - 6	0 - 5	
Parameter									
Laboratory pH (s.u.)	7.32	7.85	8.08	8	7.98	7.88	7.77	8.04	<6.25,>9.0
VOCs (ug/kg)									
Acetone	25	37	23	37	12	21	8.2	ND	25000
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND	17000
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	60
SVOCs (ug/kg)									
2-Methylnaphthalene	22 J	150	30 J	92	78	68	64	22 J	---
Acenaphthene	18 J	ND	ND	33 J	11 J	12 J	14 J	ND	570000
Acenaphthylene	ND	ND	ND	ND	ND	ND	ND	ND	85000
Anthracene	50	ND	ND	150	ND	15 J	16 J	ND	1.20E+07
Benzo(a)anthracene	250	ND	13 J	270	23 J	33 J	35 J	16 J	900 / 1100 / 1800
Benzo(a)pyrene	220	ND	ND	160	42	49	ND	43 J	90 / 1300 / 2100
Benzo(b)fluoranthene	310	ND	ND	190	42	51	ND	52 J	900 / 1500 / 2100
Benzo(g,h,i)perylene	180	25 J	ND	100	39	54	ND	33 J	2300000
Benzo(k)fluoranthene	150	ND	ND	96	20 J	28 J	ND	19 J	9000
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	ND	ND	ND	46000
Butyl benzyl phthalate	86 J	ND	ND	ND	ND	ND	ND	ND	930000
Chrysene	370	34 J	38	320	44	68	57	48 J	88000
Dibenzo(a,h)anthracene	55	ND	ND	47	ND	ND	ND	ND	90 / 200 / 420
Dibenzofuran	ND	ND	ND	47 J	ND	ND	ND	ND	---
Fluoranthene	580	25 J	19 J	550	37	77	59	33 J	3100000
Fluorene	16 J	12 J	11 J	56	28 J	15 J	13 J	ND	560000
Indeno(1,2,3-cd)pyrene	130	ND	ND	74	28 J	34 J	ND	27 J	900 / 900 / 1600
Naphthalene, SVOC	11 J	30 J	11 J	48	24 J	27 J	16 J	9 J	1800
Phenanthrene	290	120	73	580	84	150	130	58	210000
Pyrene	520	ND	54	510	96	100	110	52	2300000

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Illinois Department of Transportation
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Lyons, McCook, and Summit, Cook County, Illinois

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Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-1	IN-2	IN-3	IN-3	IN-4	IN-4	IN-5	IN-6	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 6	0 - 3	3 - 7	0 - 3	3 - 7	0 - 6	0 - 5	
Parameter									
Total Metals (mg/kg)									
Antimony, Total	ND	ND	ND	ND	ND	ND	ND	0.45 J	5
Arsenic, Total	9.9	11 J	8.4 J	6.8 J	6.8 J	13 J	6.7 J	7.6	11.3 / 13
Barium, Total	39	32 J	36 J	48 J	60 J	26 J	58 J	32	1500
Beryllium, Total	0.48	0.4	0.5	0.49	0.58	0.35	0.62	0.34	22
Cadmium, Total	0.81	0.93 J	0.96 J	0.8 J	0.88 J	1 J	0.91 J	0.77	5.2
Calcium, Total	71000 B	76000 J	54000 J	51000 J	49000 J	75000 J	49000 J	82000 J	---
Chromium, Total	15	12 J	16 J	15 J	19 J	11 J	20 J	11	21
Cobalt, Total	11	8.3 J	11 J	9.6 J	12 J	11 J	13 J	6.5	20
Copper, Total	35	28 J	26 J	22 J	23 J	40 J	21 J	25	2900
Iron, Total	19000	19000 J	20000 J	19000 J	20000 J	18000 J	21000 J	15000	15000 / 15900
Lead, Total	25 B	14 J	12 J	11 J	11 J	16 J	11 J	13 B	107
Magnesium, Total	31000 B	37000 J	29000 J	25000 J	22000 J	36000 J	22000 J	41000 J	325000
Manganese, Total	410	390 J+	380 J+	460 J+	340 J+	420 J+	330 J+	330	630 / 636
Mercury, Total	0.066	0.031	0.023	0.04	0.02	0.034	0.024	0.025	0.89
Nickel, Total	25	22 J	26 J	23 J	28 J	24 J	29 J	18	100
Potassium, Total	3000 B	2600 J+	3200 J+	2600 J+	3400 J+	2100 J+	3600 J+	2300 B	---
Selenium, Total	ND	ND	ND	ND	ND	ND	ND	ND	1.3
Silver, Total	0.073 J	0.058 J	0.04 J	0.054 J	0.049 J	0.078 J	0.038 J	0.069 J	4.4
Sodium, Total	1300	720 J+	1100 J+	1100 J+	1300 J+	640 J+	1400 J+	1400	---
Thallium, Total	0.32 J	0.71	0.67	0.89	0.75	1.4	0.82	0.31 J	2.6
Vanadium, Total	19	15 J	17 J	18 J	21 J	13 J	22 J	14	550
Zinc, Total	55	50 J	66 J	47 J	50 J	52 J	47 J	45	5100
TCLP Metals (mg/l)									
Barium, TCLP	0.65 B	0.67 B	0.57 B	0.48 J	0.62	0.59	0.67 B	0.78 B	2
Cadmium, TCLP	0.0054	0.0027 J	ND	0.0027 J	ND	0.0029 J	0.003 J	0.0026 J	0.005
Cobalt, TCLP	ND	0.066	0.031	0.051	0.019 J	0.036	0.052	0.013 J	1
Copper, TCLP	0.018 J	0.019 J	ND	0.018 J	ND	0.015 J	0.053	0.016 J	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	0.22	ND	5
Lead, TCLP	ND	ND	ND	0.013	ND	ND	0.021	ND	0.0075
Manganese, TCLP	1.1	6.2	5.3	6.3	2.8	3.8	5.1	2.3	0.15
Nickel, TCLP	0.015 J	0.063	0.033	0.057	0.025	0.044	0.06	0.021 J	0.1
Zinc, TCLP	0.58 B	0.58 B	0.34 B	0.3 B	0.53	0.5	0.6 B	0.38 B	5

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Illinois Department of Transportation
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Field Sample ID	IN-1(0-5)-040214	IN-2(0-6)-040214	IN-3(0-3)-040214	IN-3(3-7)-040214	IN-4(0-3)-040214	IN-4(3-7)-040214	IN-5(0-6)-040214	IN-6(0-5)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-1	IN-2	IN-3	IN-3	IN-4	IN-4	IN-5	IN-6	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 6	0 - 3	3 - 7	0 - 3	3 - 7	0 - 6	0 - 5	
Parameter									
SPLP Metals (mg/l)									
Barium, SPLP	0.52	0.59	0.6	0.64	0.52	0.62	0.64	0.56	2
Chromium, SPLP	ND	ND	0.017 J	ND	ND	ND	ND	0.018 J	0.1
Copper, SPLP	0.012 J	0.017 J	0.027	0.011 J	0.014 J	0.014 J	0.012 J	0.028	0.65
Iron, SPLP	ND	0.27	12	ND	ND	ND	ND	12 J+	5
Lead, SPLP	ND	ND	0.013	ND	ND	ND	ND	0.012	0.0075
Manganese, SPLP	ND	0.042	0.25	0.24	0.073	0.19	0.089	0.14	0.15
Mercury, SPLP	ND	ND	0.000022 J	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	ND	ND	0.016 J	ND	ND	ND	ND	0.015 J	0.1
Silver, SPLP	ND	ND	ND	ND	0.15	ND	ND	ND	0.05
Zinc, SPLP	0.46	0.59	0.64	0.66	0.5	0.63	0.66	0.5	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

J+ - Estimated concentration, biased high.

J- - Estimated concentration, biased low.

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

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Field Sample ID	IN-6(0-5)-040214D	IN-7(0-5)-040214	IN-7(5-10)-040214	IN-7(10-15)-040214	IN-8(0-6)-040214	IN-8(0-6)-040214D	IN-9(0-3)-040214	IN-9(3-7)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-6	IN-7	IN-7	IN-7	IN-8	IN-8	IN-9	IN-9	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 5	5 - 10	10 - 15	0 - 6	0 - 6	0 - 3	3 - 7	
Parameter									
Laboratory pH (s.u.)	8.02	8.03	7.68	7.59	7.63	8.03	8.05	7.74	<6.25,>9.0
VOCs (ug/kg)									
Acetone	ND	16	15	ND	47	72	31	38	25000
Methyl ethyl ketone	ND	ND	ND	ND	ND	11	ND	ND	17000
Trichloroethene	ND	ND	ND	8.2	ND	ND	ND	ND	60
SVOCs (ug/kg)									
2-Methylnaphthalene	23 J	9.5 J	20 J	7.4 J	47	110	18 J	59	---
Acenaphthene	ND	ND	ND	ND	13 J	37 J	9.4 J	58	570000
Acenaphthylene	16 J	ND	ND	ND	ND	13 J	ND	11 J	85000
Anthracene	21 J	ND	ND	ND	11 J	67 J	14 J	97	1.20E+07
Benzo(a)anthracene	33 J	ND	ND	16 J	25 J	95 J	18 J	140	900 / 1100 / 1800
Benzo(a)pyrene	120 J	ND	ND	38	ND	ND	ND	100	90 / 1300 / 2100
Benzo(b)fluoranthene	180 J	ND	ND	34 J	ND	91	ND	120	900 / 1500 / 2100
Benzo(g,h,i)perylene	200 J	20 J	31 J	36	ND	ND	45	100	2300000
Benzo(k)fluoranthene	63	ND	ND	16 J	ND	55	ND	46	9000
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	79 J	ND	ND	46000
Butyl benzyl phthalate	ND	ND	ND	830	ND	ND	ND	ND	930000
Chrysene	93 J	ND	24 J	25 J	27 J	96 J	48	220	88000
Dibenzo(a,h)anthracene	64 J	ND	ND	ND	ND	ND	ND	36	90 / 200 / 420
Dibenzofuran	ND	ND	ND	ND	ND	ND	ND	64 J	---
Fluoranthene	45	ND	14 J	26 J	45 J	220 J	48	410	3100000
Fluorene	ND	ND	ND	ND	14 J	38	10 J	40	560000
Indeno(1,2,3-cd)pyrene	120 J	20 J	22 J	25 J	ND	ND	25 J	58	900 / 900 / 1600
Naphthalene, SVOC	12 J	ND	ND	ND	13 J	52	7.6 J	32 J	1800
Phenanthrene	65	20 J	46	23 J	51 J	200 J	83	270	210000
Pyrene	46	10 J	26 J	43	91 J	510 J	84	550	2300000

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Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-6	IN-7	IN-7	IN-7	IN-8	IN-8	IN-9	IN-9	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 5	5 - 10	10 - 15	0 - 6	0 - 6	0 - 3	3 - 7	
Parameter									
Total Metals (mg/kg)									
Antimony, Total	ND	ND	ND	ND	0.57 J	ND	ND	ND	5
Arsenic, Total	9.2	5.8	9.3	2.8	6.4 J	7.9 J	8.3 J	10 J	11.3 / 13
Barium, Total	43	57	34	51	26 J	38 J	38 J	46 J	1500
Beryllium, Total	0.51	0.62	0.45	0.67 J	0.28	0.4	0.47	0.43	22
Cadmium, Total	0.68	0.76	0.73	0.31 J	0.67 J	1.2 J	1 J	2 J	5.2
Calcium, Total	42000 J	42000 B	40000 B	99000 B	81000 J	68000 J	49000 J	71000 J	---
Chromium, Total	16	20	14	9.8	8.9 J	17 J	16 J	22 J	21
Cobalt, Total	10	9.5	9.2	3.5	5.7 J	7.4 J	11 J	9.5 J	20
Copper, Total	31	25	26	13	20 J	26 J	32 J	36 J	2900
Iron, Total	20000	20000	17000	7300	12000 J	16000 J	18000 J	19000 J	15000 / 15900
Lead, Total	13 B	11 B	14 B	9.5 B	15 J	15 J	15 J	19 J	107
Magnesium, Total	22000 J	20000 B	24000 B	57000 B	40000 J	30000 J	28000 J	34000 J	325000
Manganese, Total	420	330	320	550	300 J+	320 J+	370 J+	400 J+	630 / 636
Mercury, Total	0.02	0.019	0.02	0.01 J	0.026	0.022	0.025	0.11	0.89
Nickel, Total	27	28	23	12	13 J	20 J	27 J	26 J	100
Potassium, Total	2800 B	3200 B	2600 B	1200 B	1800 J+	2400 J+	2900 J+	2700 J+	---
Selenium, Total	ND	ND	ND	ND	ND	ND	ND	ND	1.3
Silver, Total	0.04 J	ND	0.066 J	ND	0.051 J	0.21 J	0.13 J	0.38 J	4.4
Sodium, Total	1700	2000	870	850	1100 J+	1500 J+	1200 J+	1400 J+	---
Thallium, Total	0.28 J	0.38 J	0.38 J	ND	0.41 J	0.65	1.1	0.77	2.6
Vanadium, Total	19	23	16	10	11 J	16 J	16 J	16 J	550
Zinc, Total	49	43	44	35	42 J	54 J	44 J	75 J	5100
TCLP Metals (mg/l)									
Barium, TCLP	0.85 B	0.94 B	0.76 B	0.68 B	0.63 B	0.52 B	0.67	0.61	2
Cadmium, TCLP	0.0027 J	ND	ND	ND	0.0054	0.0047 J	0.0051	0.021	0.005
Cobalt, TCLP	0.017 J	ND	0.017 J	0.013 J	0.021 J	0.015 J	0.042	0.044	1
Copper, TCLP	0.011 J	0.017 J	0.011 J	0.018 J	0.019 J	0.014 J	0.012 J	0.018 J	0.65
Iron, TCLP	ND	ND	ND	ND	ND	ND	0.35	ND	5
Lead, TCLP	0.0092	ND	0.0093	ND	ND	ND	ND	0.01	0.0075
Manganese, TCLP	2.7	2	3	1.4	2.8	2.5	3.1	3.6	0.15
Nickel, TCLP	0.024 J	0.012 J	0.027	0.095	0.026	0.02 J	0.059	0.066	0.1
Zinc, TCLP	0.58 B	0.62 B	0.69 B	0.77 B	0.67 B	0.49 B	0.55	0.78	5

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Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-6	IN-7	IN-7	IN-7	IN-8	IN-8	IN-9	IN-9	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 5	0 - 5	5 - 10	10 - 15	0 - 6	0 - 6	0 - 3	3 - 7	
Parameter									
SPLP Metals (mg/l)									
Barium, SPLP	0.67	0.58	0.49 J	0.48 J	0.61	0.54	0.56	0.61	2
Chromium, SPLP	0.02 J	ND	ND	ND	ND	ND	ND	ND	0.1
Copper, SPLP	0.026	0.012 J	0.012 J	0.011 J	0.011 J	0.022 J	0.014 J	0.013 J	0.65
Iron, SPLP	14	2.2	0.49	ND	ND	ND	0.2	0.24	5
Lead, SPLP	0.016	ND	ND	ND	ND	ND	ND	ND	0.0075
Manganese, SPLP	0.16	0.057	0.13	0.018 J	0.048 J	0.085 J	0.061	0.2	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.018 J	ND	ND	ND	ND	ND	ND	ND	0.1
Silver, SPLP	ND	ND	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.57	0.47	0.38	0.37	0.66	0.6	0.56	0.65	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

J+ - Estimated concentration, biased high.

J- - Estimated concentration, biased low.

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

Summary Table of ISGS Site No. 1860-23
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 372: Illinois Route 171 (First Avenue) from 47th Street to 55th Street
Lyons, McCook, and Summit, Cook County, Illinois

Field Sample ID	IN-10(0-3)-040214	IN-10(3-7)-040214	IN-11(0-6)-040214	IN-12(0-5)-040214	IN-12(5-10)-040214	IN-12(10-15)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-10	IN-10	IN-11	IN-12	IN-12	IN-12	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 3	3 - 7	0 - 6	0 - 5	5 - 10	10 - 15	
Parameter							
Laboratory pH (s.u.)	7.9	7.7	7.89	8.02	7.62	7.85	<6.25,>9.0
VOCs (ug/kg)							
Acetone	26	48	21	7.7 J+	25	13	25000
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	17000
Trichloroethene	ND	ND	ND	ND	ND	ND	60
SVOCs (ug/kg)							
2-Methylnaphthalene	92 J	68	110	21 J	59	ND	---
Acenaphthene	110 J	13 J	20 J	ND	28 J	ND	570000
Acenaphthylene	ND	ND	ND	ND	ND	ND	85000
Anthracene	400	31 J	25 J	ND	16 J	ND	1.20E+07
Benzo(a)anthracene	990	84	39	9.8 J	37	8.2 J	900 / 1100 / 1800
Benzo(a)pyrene	980	ND	ND	36 J	48	30 J	90 / 1300 / 2100
Benzo(b)fluoranthene	1300	73	32 J	32 J	56	23 J	900 / 1500 / 2100
Benzo(g,h,i)perylene	ND	ND	ND	36 J	54	16 J	2300000
Benzo(k)fluoranthene	620	77	20 J	17 J	28 J	13 J	9000
bis(2-Ethylhexyl)phthalate	1700 J	ND	ND	ND	ND	ND	46000
Butyl benzyl phthalate	820 J	ND	ND	ND	ND	2900	930000
Chrysene	1200	97	54	37	82	11 J	88000
Dibenzo(a,h)anthracene	ND	ND	ND	ND	25 J	ND	90 / 200 / 420
Dibenzofuran	ND	ND	ND	ND	ND	ND	---
Fluoranthene	1800	130	81	22 J	89	13 J	3100000
Fluorene	170 J	24 J	24 J	7.4 J	19 J	ND	560000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	23 J	29 J	19 J	900 / 900 / 1600
Naphthalene, SVOC	ND	30 J	43	ND	25 J	ND	1800
Phenanthrene	1100	170	120	72	170	17 J	210000
Pyrene	2500	250	140	38	120	15 J	2300000

Summary Table of ISGS Site No. 1860-23
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 372: Illinois Route 171 (First Avenue) from 47th Street to 55th Street
Lyons, McCook, and Summit, Cook County, Illinois

Field Sample ID	IN-10(0-3)-040214	IN-10(3-7)-040214	IN-11(0-6)-040214	IN-12(0-5)-040214	IN-12(5-10)-040214	IN-12(10-15)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-10	IN-10	IN-11	IN-12	IN-12	IN-12	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 3	3 - 7	0 - 6	0 - 5	5 - 10	10 - 15	
Parameter							
Total Metals (mg/kg)							
Antimony, Total	0.68 J	ND	ND	ND	ND	ND	5
Arsenic, Total	5.2 J	11 J	8 J	7.2	11	2.3 J	11.3 / 13
Barium, Total	80 J	14 J	59 J	49	25	10	1500
Beryllium, Total	0.55	0.23	0.61	0.57	0.4	ND	22
Cadmium, Total	4.9 J	0.83 J	0.88 J	0.77	0.79	0.28 J	5.2
Calcium, Total	27000 J	120000 J	42000 J	51000 B	54000 B	180000 B	---
Chromium, Total	41 J	6.5 J	18 J	19	12	4.9	21
Cobalt, Total	7.9 J	6.1 J	11 J	9.6	10	2.4	20
Copper, Total	46 J	24 J	27 J	22	29	18	2900
Iron, Total	17000 J	14000 J	21000 J	21000	19000	5400	15000 / 15900
Lead, Total	370 J	12 J	16 J	9.9 B	14 B	5.4 B	107
Magnesium, Total	16000 J	68000 J	22000 J	24000 B	31000 B	110000 B	325000
Manganese, Total	170 J+	340 J+	370 J+	330	430	180	630 / 636
Mercury, Total	0.21	0.029	0.031	0.032	0.11	7.90E-03 J	0.89
Nickel, Total	21 J	15 J	26 J	27	24	20	100
Potassium, Total	2300 J+	1500 J+	2800 J+	3500 B	2700 B	1000 B	---
Selenium, Total	1.1 J-	ND	ND	ND	ND	1.1 J	1.3
Silver, Total	0.44 J	0.054 J	0.041 J	0.028 J	0.073 J	ND	4.4
Sodium, Total	7500 J+	1300 J+	1700 J+	1600	980	660	---
Thallium, Total	0.42 J	0.79	0.76	ND	0.65	ND	2.6
Vanadium, Total	20 J	9.4 J	22 J	21	15	6.1	550
Zinc, Total	180 J	51 J	48 J	40	49	24	5100
TCLP Metals (mg/l)							
Barium, TCLP	0.64 B	0.58	0.66 B	0.68 B	0.6 B	0.58 B	2
Cadmium, TCLP	0.019	0.0031 J	0.0077	ND	0.0037 J	ND	0.005
Cobalt, TCLP	0.062	0.036	0.075	0.028	0.037	ND	1
Copper, TCLP	0.041	ND	0.092	ND	0.018 J	0.1	0.65
Iron, TCLP	12	ND	1.4	ND	0.23	ND	5
Lead, TCLP	1.2	0.01	0.043	ND	ND	ND	0.0075
Manganese, TCLP	5.2	4.8	6.8	4.1	3.2	0.74	0.15
Nickel, TCLP	0.1	0.049	0.063	0.034	0.047	0.6	0.1
Zinc, TCLP	1.7 B	0.55	0.84 B	0.49 B	0.54 B	0.74 B	5

Summary Table of ISGS Site No. 1860-23
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 372: Illinois Route 171 (First Avenue) from 47th Street to 55th Street
Lyons, McCook, and Summit, Cook County, Illinois

Field Sample ID	IN-10(0-3)-040214	IN-10(3-7)-040214	IN-11(0-6)-040214	IN-12(0-5)-040214	IN-12(5-10)-040214	IN-12(10-15)-040214	Soil Reference Concentrations ^A
Sample Date	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	4/2/2014	
Location ID	IN-10	IN-10	IN-11	IN-12	IN-12	IN-12	
ISGS Site No.	1860-23	1860-23	1860-23	1860-23	1860-23	1860-23	
Depth	0 - 3	3 - 7	0 - 6	0 - 5	5 - 10	10 - 15	
Parameter							
SPLP Metals (mg/l)							
Barium, SPLP	0.52	0.63	0.63	0.68	0.55	0.7	2
Chromium, SPLP	ND	ND	ND	0.011 J	ND	ND	0.1
Copper, SPLP	0.012 J	0.011 J	0.011 J	0.014 J	0.015 J	0.012 J	0.65
Iron, SPLP	0.22	ND	0.23	4.3	ND	0.25	5
Lead, SPLP	ND	ND	ND	0.0078	ND	ND	0.0075
Manganese, SPLP	0.051	0.29	0.12	0.11	0.31	0.012 J	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	ND	ND	ND	ND	ND	ND	0.1
Silver, SPLP	ND	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.46	0.68	0.67	0.57	0.45	0.6	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

B - Constituent detected in the blank and investigative sample.

J - Estimated concentration.

J+ - Estimated concentration, biased high.

J- - Estimated concentration, biased low.

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

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 500-74347-1

Client Project/Site: IDOT - Lyons, McCook, Summit - 051

For:
Weston Solutions, Inc.
750 E. Bunker Court
Suite 500
Vernon Hills, Illinois 60061-1450

Attn: Mr. S. Babusukumar



Authorized for release by:
4/14/2014 3:39:35 PM

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

LINKS

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

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

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

- 1
- 2
- 3
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- 14
- 15

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214

Lab Sample ID: 500-74347-1

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.6	ug/Kg	☼		04/04/14 00:37	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		04/04/14 00:37	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		04/04/14 00:37	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		04/04/14 00:37	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		04/04/14 00:37	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		04/04/14 00:37	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		04/04/14 00:37	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		04/04/14 00:37	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		04/04/14 00:37	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		04/04/14 00:37	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 00:37	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		04/04/14 00:37	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 00:37	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		04/04/14 00:37	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		04/04/14 00:37	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		04/04/14 00:37	1
1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		04/04/14 00:37	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		04/04/14 00:37	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 00:37	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 00:37	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		04/04/14 00:37	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		04/04/14 00:37	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		04/04/14 00:37	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		04/04/14 00:37	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		04/04/14 00:37	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 00:37	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 00:37	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		04/04/14 00:37	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		04/04/14 00:37	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		04/04/14 00:37	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		04/04/14 00:37	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		04/04/14 00:37	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		04/04/14 00:37	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		04/04/14 00:37	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 00:37	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		04/04/14 00:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 122		04/04/14 00:37	1
Dibromofluoromethane	113		75 - 120		04/04/14 00:37	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134		04/04/14 00:37	1
Toluene-d8 (Surr)	101		75 - 122		04/04/14 00:37	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	☼	04/04/14 07:20	04/08/14 14:24	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214

Lab Sample ID: 500-74347-1

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.5

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	☼	04/04/14 07:20	04/08/14 14:24	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,4-Dinitrophenol	<760		760	670	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Methylnaphthalene	22	J	38	6.9	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Methylphenol	<190		190	61	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
2-Nitrophenol	<380		380	89	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4,6-Dinitro-2-methylphenol	<380		380	300	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Anthracene	<38		38	6.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Benzo[a]anthracene	16	J	38	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Benzo[a]pyrene	43		38	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Benzo[b]fluoranthene	52		38	8.2	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Benzo[g,h,i]perylene	33	J	38	12	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Benzo[k]fluoranthene	19	J	38	11	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Carbazole	<190		190	98	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Chrysene	48		38	10	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Fluoranthene	33	J	38	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Fluorene	<38		38	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Hexachloroethane	<190		190	57	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214

Lab Sample ID: 500-74347-1

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.5

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	27	J	38	9.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Isophorone	<190		190	42	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Naphthalene	9.0	J	38	5.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Nitrobenzene	<38		38	9.4	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Phenanthrene	58		38	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Phenol	<190		190	84	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Pyrene	52		38	7.5	ug/Kg	☼	04/04/14 07:20	04/08/14 14:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	84		35 - 137				04/04/14 07:20	04/08/14 14:24	1
2-Fluorobiphenyl	69		25 - 119				04/04/14 07:20	04/08/14 14:24	1
2-Fluorophenol	71		25 - 110				04/04/14 07:20	04/08/14 14:24	1
Nitrobenzene-d5	68		25 - 115				04/04/14 07:20	04/08/14 14:24	1
Phenol-d5	64		31 - 110				04/04/14 07:20	04/08/14 14:24	1
Terphenyl-d14	125		36 - 134				04/04/14 07:20	04/08/14 14:24	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		04/09/14 08:30	04/09/14 20:48	1
Barium	0.78	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 20:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 20:48	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 20:48	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Cobalt	0.013	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Copper	0.016	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 20:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 20:48	1
Manganese	2.3		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Nickel	0.021	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:48	1
Zinc	0.38	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Barium	0.56		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 18:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 18:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 18:24	1
Chromium	0.018	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Copper	0.028		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Iron	12		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 18:24	1
Lead	0.012		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 18:24	1
Manganese	0.14		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Nickel	0.015	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 03:45	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214

Lab Sample ID: 500-74347-1

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:24	1
Zinc	0.50		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 18:24	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.45	J	1.1	0.45	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Arsenic	7.6		0.56	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Barium	32		0.56	0.060	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Beryllium	0.34		0.22	0.045	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Cadmium	0.77		0.11	0.014	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Calcium	82000	B	110	30	mg/Kg	☼	04/04/14 17:00	04/10/14 02:11	10
Chromium	11		0.56	0.065	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Cobalt	6.5		0.28	0.056	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Copper	25		0.56	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Iron	15000		11	4.6	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Lead	13	B	0.28	0.084	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Magnesium	41000	B	5.6	1.2	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Manganese	330		0.56	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Nickel	18		0.56	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Potassium	2300	B	28	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	04/10/14 16:00	04/11/14 17:21	1
Silver	0.069	J	0.28	0.020	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Sodium	1400		56	7.5	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Thallium	0.31	J	0.56	0.24	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Vanadium	14		0.28	0.042	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1
Zinc	45		1.1	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 02:05	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	25		18	7.2	ug/Kg	☼	04/04/14 13:35	04/07/14 11:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.04		0.200	0.200	SU			04/07/14 13:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214D

Lab Sample ID: 500-74347-2

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.7		5.7	2.5	ug/Kg	*		04/04/14 00:59	1
Benzene	<5.7		5.7	0.78	ug/Kg	*		04/04/14 00:59	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	*		04/04/14 00:59	1
Bromoform	<5.7		5.7	1.3	ug/Kg	*		04/04/14 00:59	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	*		04/04/14 00:59	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	*		04/04/14 00:59	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	*		04/04/14 00:59	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	*		04/04/14 00:59	1
Chloroethane	<5.7		5.7	1.5	ug/Kg	*		04/04/14 00:59	1
Chloroform	<5.7		5.7	0.65	ug/Kg	*		04/04/14 00:59	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	*		04/04/14 00:59	1
cis-1,2-Dichloroethene	<5.7		5.7	0.80	ug/Kg	*		04/04/14 00:59	1
cis-1,3-Dichloropropene	<5.7		5.7	0.74	ug/Kg	*		04/04/14 00:59	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	*		04/04/14 00:59	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	*		04/04/14 00:59	1
1,2-Dichloroethane	<5.7		5.7	0.84	ug/Kg	*		04/04/14 00:59	1
1,1,1-Dichloroethene	<5.7		5.7	0.92	ug/Kg	*		04/04/14 00:59	1
1,2-Dichloropropane	<5.7		5.7	0.86	ug/Kg	*		04/04/14 00:59	1
1,3-Dichloropropene, Total	<5.7		5.7	0.74	ug/Kg	*		04/04/14 00:59	1
Ethylbenzene	<5.7		5.7	1.1	ug/Kg	*		04/04/14 00:59	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	*		04/04/14 00:59	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	*		04/04/14 00:59	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	*		04/04/14 00:59	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	*		04/04/14 00:59	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	*		04/04/14 00:59	1
Styrene	<5.7		5.7	0.74	ug/Kg	*		04/04/14 00:59	1
1,1,1,2-Tetrachloroethane	<5.7		5.7	1.1	ug/Kg	*		04/04/14 00:59	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	*		04/04/14 00:59	1
Toluene	<5.7		5.7	0.79	ug/Kg	*		04/04/14 00:59	1
trans-1,2-Dichloroethene	<5.7		5.7	0.78	ug/Kg	*		04/04/14 00:59	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	*		04/04/14 00:59	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	*		04/04/14 00:59	1
1,1,2-Trichloroethane	<5.7		5.7	0.77	ug/Kg	*		04/04/14 00:59	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	*		04/04/14 00:59	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	*		04/04/14 00:59	1
Xylenes, Total	<11		11	0.51	ug/Kg	*		04/04/14 00:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 122		04/04/14 00:59	1
Dibromofluoromethane	115		75 - 120		04/04/14 00:59	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 00:59	1
Toluene-d8 (Surr)	97		75 - 122		04/04/14 00:59	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	*	04/04/14 07:20	04/08/14 14:43	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	*	04/04/14 07:20	04/08/14 14:43	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	*	04/04/14 07:20	04/08/14 14:43	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	*	04/04/14 07:20	04/08/14 14:43	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	*	04/04/14 07:20	04/08/14 14:43	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214D

Lab Sample ID: 500-74347-2

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.1

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	84	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,4,6-Trichlorophenol	<360		360	130	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,4-Dichlorophenol	<360		360	87	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Chlorophenol	<180		180	63	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Methylnaphthalene	23	J	36	6.7	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Methylphenol	<180		180	59	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
2-Nitrophenol	<360		360	87	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Acenaphthene	<36		36	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Acenaphthylene	16	J	36	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Anthracene	21	J	36	6.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Benzo[a]anthracene	33	J	36	4.9	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Benzo[a]pyrene	120		36	7.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Benzo[b]fluoranthene	180		36	7.9	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Benzo[g,h,i]perylene	200		36	12	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Benzo[k]fluoranthene	63		36	11	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Butyl benzyl phthalate	<180		180	70	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Carbazole	<180		180	95	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Chrysene	93		36	10	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Dibenz(a,h)anthracene	64		36	7.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Dibenzofuran	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Fluoranthene	45		36	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Fluorene	<36		36	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Hexachlorobutadiene	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Hexachloroethane	<180		180	56	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214D

Lab Sample ID: 500-74347-2

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	120		36	9.5	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Isophorone	<180		180	41	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Naphthalene	12 J		36	5.6	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Nitrobenzene	<36		36	9.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Phenanthrene	65		36	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Phenol	<180		180	81	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Pyrene	46		36	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 14:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		35 - 137				04/04/14 07:20	04/08/14 14:43	1
2-Fluorobiphenyl	74		25 - 119				04/04/14 07:20	04/08/14 14:43	1
2-Fluorophenol	76		25 - 110				04/04/14 07:20	04/08/14 14:43	1
Nitrobenzene-d5	62		25 - 115				04/04/14 07:20	04/08/14 14:43	1
Phenol-d5	63		31 - 110				04/04/14 07:20	04/08/14 14:43	1
Terphenyl-d14	107		36 - 134				04/04/14 07:20	04/08/14 14:43	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		04/09/14 08:30	04/09/14 20:53	1
Barium	0.85 B		0.50	0.050	mg/L		04/09/14 08:30	04/09/14 20:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 20:53	1
Cadmium	0.0027 J		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 20:53	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Cobalt	0.017 J		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Copper	0.011 J		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 20:53	1
Lead	0.0092		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 20:53	1
Manganese	2.7		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Nickel	0.024 J		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Selenium	0.017 J B		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:53	1
Zinc	0.58 B		0.10	0.020	mg/L		04/09/14 08:30	04/09/14 20:53	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		04/08/14 09:30	04/08/14 18:49	1
Barium	0.67		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 18:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 18:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 18:49	1
Chromium	0.020 J		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Copper	0.026		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Iron	14		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 18:49	1
Lead	0.016		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 18:49	1
Manganese	0.16		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Nickel	0.018 J		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:09	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-6(0-5)-040214D

Lab Sample ID: 500-74347-2

Date Collected: 04/02/14 13:45

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:49	1
Zinc	0.57		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 18:49	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.44	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Arsenic	9.2		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Barium	43		0.55	0.059	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Beryllium	0.51		0.22	0.044	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Cadmium	0.68		0.11	0.014	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Calcium	42000	B	11	3.0	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Chromium	16		0.55	0.064	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Cobalt	10		0.28	0.055	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Copper	31		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Iron	20000		11	4.5	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Lead	13	B	0.28	0.082	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Magnesium	22000	B	5.5	1.1	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Manganese	420		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Nickel	27		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Potassium	2800	B	28	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Selenium	<0.52		0.52	0.19	mg/Kg	☼	04/10/14 16:00	04/11/14 17:27	1
Silver	0.040	J	0.28	0.020	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Sodium	1700		55	7.4	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Thallium	0.28	J	0.55	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Vanadium	19		0.28	0.041	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1
Zinc	49		1.1	0.22	mg/Kg	☼	04/04/14 17:00	04/10/14 02:18	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.043	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	20		17	6.8	ug/Kg	☼	04/04/14 13:35	04/07/14 11:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.02		0.200	0.200	SU			04/07/14 13:57	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-1(0-5)-040214

Lab Sample ID: 500-74347-3

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25		5.9	2.6	ug/Kg	☼		04/04/14 01:22	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		04/04/14 01:22	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		04/04/14 01:22	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		04/04/14 01:22	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		04/04/14 01:22	1
Carbon disulfide	<5.9		5.9	0.89	ug/Kg	☼		04/04/14 01:22	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		04/04/14 01:22	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		04/04/14 01:22	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		04/04/14 01:22	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		04/04/14 01:22	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 01:22	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		04/04/14 01:22	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 01:22	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		04/04/14 01:22	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		04/04/14 01:22	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		04/04/14 01:22	1
1,1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		04/04/14 01:22	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		04/04/14 01:22	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 01:22	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 01:22	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		04/04/14 01:22	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		04/04/14 01:22	1
Methyl Ethyl Ketone	<5.9		5.9	2.2	ug/Kg	☼		04/04/14 01:22	1
methyl isobutyl ketone	<5.9		5.9	1.6	ug/Kg	☼		04/04/14 01:22	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		04/04/14 01:22	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		04/04/14 01:22	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 01:22	1
Tetrachloroethene	<5.9		5.9	0.91	ug/Kg	☼		04/04/14 01:22	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		04/04/14 01:22	1
trans-1,2-Dichloroethene	<5.9		5.9	0.82	ug/Kg	☼		04/04/14 01:22	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		04/04/14 01:22	1
1,1,1-Trichloroethane	<5.9		5.9	0.89	ug/Kg	☼		04/04/14 01:22	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		04/04/14 01:22	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		04/04/14 01:22	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		04/04/14 01:22	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		04/04/14 01:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 122		04/04/14 01:22	1
Dibromofluoromethane	110		75 - 120		04/04/14 01:22	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 01:22	1
Toluene-d8 (Surr)	99		75 - 122		04/04/14 01:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	42	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-1(0-5)-040214

Lab Sample ID: 500-74347-3

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Chlorophenol	<200		200	67	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Methylnaphthalene	22	J	39	7.2	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Methylphenol	<200		200	63	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Bromophenyl phenyl ether	<200		200	51	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Acenaphthene	18	J	39	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Acenaphthylene	<39		39	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Anthracene	50		39	6.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Benzo[a]anthracene	250		39	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Benzo[a]pyrene	220		39	7.6	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Benzo[b]fluoranthene	310		39	8.4	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Benzo[g,h,i]perylene	180		39	13	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Benzo[k]fluoranthene	150		39	12	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Butyl benzyl phthalate	86	J	200	74	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Carbazole	<200		200	100	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Chrysene	370		39	11	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Dibenz(a,h)anthracene	55		39	7.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Dibenzofuran	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Di-n-butyl phthalate	<200		200	59	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Fluoranthene	580		39	7.2	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Fluorene	16	J	39	5.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Hexachlorobenzene	<79		79	9.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Hexachlorocyclopentadiene	<790		790	220	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Hexachloroethane	<200		200	59	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-1(0-5)-040214

Lab Sample ID: 500-74347-3

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	130		39	10	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Isophorone	<200		200	44	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Naphthalene	11	J	39	6.0	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Nitrobenzene	<39		39	9.7	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Pentachlorophenol	<790		790	630	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Phenanthrene	290		39	5.4	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Phenol	<200		200	87	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Pyrene	520		39	7.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		35 - 137				04/04/14 07:20	04/08/14 15:03	1
2-Fluorobiphenyl	46		25 - 119				04/04/14 07:20	04/08/14 15:03	1
2-Fluorophenol	45		25 - 110				04/04/14 07:20	04/08/14 15:03	1
Nitrobenzene-d5	40		25 - 115				04/04/14 07:20	04/08/14 15:03	1
Phenol-d5	38		31 - 110				04/04/14 07:20	04/08/14 15:03	1
Terphenyl-d14	65		36 - 134				04/04/14 07:20	04/08/14 15:03	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		04/09/14 08:30	04/09/14 20:58	1
Barium	0.65	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 20:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 20:58	1
Cadmium	0.0054		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 20:58	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Copper	0.018	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 20:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 20:58	1
Manganese	1.1		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Nickel	0.015	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 20:58	1
Zinc	0.58	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 20:58	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		04/08/14 09:30	04/08/14 18:53	1
Barium	0.52		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 18:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 18:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 18:53	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Copper	0.012	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Iron	<0.20		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 18:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 18:53	1
Manganese	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:13	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-1(0-5)-040214

Lab Sample ID: 500-74347-3

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:53	1
Zinc	0.46		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 18:53	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.47	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Arsenic	9.9		0.58	0.12	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Barium	39		0.58	0.063	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Beryllium	0.48		0.23	0.047	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Cadmium	0.81		0.12	0.015	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Calcium	71000	B	120	32	mg/Kg	☼	04/04/14 17:00	04/10/14 02:30	10
Chromium	15		0.58	0.068	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Cobalt	11		0.29	0.058	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Copper	35		0.58	0.12	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Iron	19000		12	4.8	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Lead	25	B	0.29	0.087	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Magnesium	31000	B	5.8	1.2	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Manganese	410		0.58	0.12	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Nickel	25		0.58	0.12	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Potassium	3000	B	29	1.8	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Selenium	<0.59		0.59	0.21	mg/Kg	☼	04/10/14 16:00	04/11/14 17:34	1
Silver	0.073	J	0.29	0.021	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Sodium	1300		58	7.8	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Thallium	0.32	J	0.58	0.25	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Vanadium	19		0.29	0.043	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1
Zinc	55		1.2	0.24	mg/Kg	☼	04/04/14 17:00	04/10/14 02:24	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:30	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	66		18	7.2	ug/Kg	☼	04/04/14 13:35	04/07/14 11:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.32		0.200	0.200	SU			04/07/14 14:00	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(0-5)-040214

Lab Sample ID: 500-74347-4

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	7.7		5.8	2.5	ug/Kg	☼		04/04/14 14:11	1
Benzene	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 14:11	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 14:11	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 14:11	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		04/04/14 14:11	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 14:11	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		04/04/14 14:11	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		04/04/14 14:11	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 14:11	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		04/04/14 14:11	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 14:11	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		04/04/14 14:11	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 14:11	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 14:11	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		04/04/14 14:11	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 14:11	1
1,1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		04/04/14 14:11	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 14:11	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 14:11	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 14:11	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 14:11	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 14:11	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		04/04/14 14:11	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 14:11	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		04/04/14 14:11	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 14:11	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 14:11	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		04/04/14 14:11	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 14:11	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 14:11	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 14:11	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 14:11	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 14:11	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		04/04/14 14:11	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 14:11	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		04/04/14 14:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 122		04/04/14 14:11	1
Dibromofluoromethane	121	X	75 - 120		04/04/14 14:11	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134		04/04/14 14:11	1
Toluene-d8 (Surr)	98		75 - 122		04/04/14 14:11	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	40	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,2'-oxybis[1-chloropropane]	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(0-5)-040214

Lab Sample ID: 500-74347-4

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	84	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,4-Dichlorophenol	<370		370	87	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Chloronaphthalene	<180		180	41	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Chlorophenol	<180		180	63	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Methylnaphthalene	21	J	37	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Methylphenol	<180		180	59	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Acenaphthene	<37		37	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Acenaphthylene	<37		37	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Anthracene	<37		37	6.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Benzo[a]anthracene	9.8	J	37	4.9	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Benzo[a]pyrene	36	J	37	7.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Benzo[b]fluoranthene	32	J	37	7.9	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Benzo[g,h,i]perylene	36	J	37	12	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Benzo[k]fluoranthene	17	J	37	11	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Bis(2-chloroethoxy)methane	<180		180	38	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Butyl benzyl phthalate	<180		180	70	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Carbazole	<180		180	95	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Chrysene	37		37	10	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Dibenzofuran	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Fluoranthene	22	J	37	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Fluorene	7.4	J	37	5.2	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Hexachlorobutadiene	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Hexachloroethane	<180		180	56	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(0-5)-040214

Lab Sample ID: 500-74347-4

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	23	J	37	9.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Isophorone	<180		180	41	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Naphthalene	<37		37	5.7	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Phenanthrene	72		37	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Phenol	<180		180	82	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Pyrene	38		37	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 15:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	93		35 - 137				04/04/14 07:20	04/08/14 15:22	1
<i>2-Fluorobiphenyl</i>	76		25 - 119				04/04/14 07:20	04/08/14 15:22	1
<i>2-Fluorophenol</i>	78		25 - 110				04/04/14 07:20	04/08/14 15:22	1
<i>Nitrobenzene-d5</i>	66		25 - 115				04/04/14 07:20	04/08/14 15:22	1
<i>Phenol-d5</i>	65		31 - 110				04/04/14 07:20	04/08/14 15:22	1
<i>Terphenyl-d14</i>	120		36 - 134				04/04/14 07:20	04/08/14 15:22	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		04/09/14 08:30	04/09/14 21:03	1
Barium	0.68	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:03	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Cobalt	0.028		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Copper	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:03	1
Manganese	4.1		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Nickel	0.034		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:03	1
Zinc	0.49	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:03	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		04/08/14 09:30	04/08/14 18:57	1
Barium	0.68		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 18:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 18:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 18:57	1
Chromium	0.011	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Copper	0.014	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Iron	4.3		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 18:57	1
Lead	0.0078		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 18:57	1
Manganese	0.11		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:17	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(0-5)-040214

Lab Sample ID: 500-74347-4

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 18:57	1
Zinc	0.57		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 18:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Arsenic	7.2		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Barium	49		0.57	0.061	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Beryllium	0.57		0.23	0.046	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Cadmium	0.77		0.11	0.015	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Calcium	51000	B	11	3.1	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Chromium	19		0.57	0.066	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Cobalt	9.6		0.29	0.057	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Copper	22		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Iron	21000		11	4.7	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Lead	9.9	B	0.29	0.085	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Magnesium	24000	B	5.7	1.2	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Manganese	330		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Nickel	27		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Potassium	3500	B	29	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Selenium	<0.56		0.56	0.20	mg/Kg	☼	04/10/14 16:00	04/11/14 17:40	1
Silver	0.028	J	0.29	0.021	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Sodium	1600		57	7.7	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Thallium	<0.57		0.57	0.24	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Vanadium	21		0.29	0.042	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1
Zinc	40		1.1	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 02:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:32	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	32		19	7.4	ug/Kg	☼	04/04/14 13:35	04/07/14 11:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.02		0.200	0.200	SU			04/07/14 14:02	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(5-10)-040214

Lab Sample ID: 500-74347-5

Date Collected: 04/02/14 14:35

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	25		5.7	2.5	ug/Kg	☼		04/04/14 02:08	1
Benzene	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 02:08	1
Bromodichloromethane	<5.7		5.7	0.99	ug/Kg	☼		04/04/14 02:08	1
Bromoform	<5.7		5.7	1.3	ug/Kg	☼		04/04/14 02:08	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	☼		04/04/14 02:08	1
Carbon disulfide	<5.7		5.7	0.86	ug/Kg	☼		04/04/14 02:08	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 02:08	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	☼		04/04/14 02:08	1
Chloroethane	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 02:08	1
Chloroform	<5.7		5.7	0.66	ug/Kg	☼		04/04/14 02:08	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 02:08	1
cis-1,2-Dichloroethene	<5.7		5.7	0.81	ug/Kg	☼		04/04/14 02:08	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 02:08	1
Dibromochloromethane	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 02:08	1
1,1-Dichloroethane	<5.7		5.7	0.91	ug/Kg	☼		04/04/14 02:08	1
1,2-Dichloroethane	<5.7		5.7	0.85	ug/Kg	☼		04/04/14 02:08	1
1,1,1-Dichloroethene	<5.7		5.7	0.93	ug/Kg	☼		04/04/14 02:08	1
1,2-Dichloropropane	<5.7		5.7	0.87	ug/Kg	☼		04/04/14 02:08	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 02:08	1
Ethylbenzene	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 02:08	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 02:08	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 02:08	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	☼		04/04/14 02:08	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 02:08	1
Methyl tert-butyl ether	<5.7		5.7	0.95	ug/Kg	☼		04/04/14 02:08	1
Styrene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 02:08	1
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 02:08	1
Tetrachloroethene	<5.7		5.7	0.88	ug/Kg	☼		04/04/14 02:08	1
Toluene	<5.7		5.7	0.80	ug/Kg	☼		04/04/14 02:08	1
trans-1,2-Dichloroethene	<5.7		5.7	0.79	ug/Kg	☼		04/04/14 02:08	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 02:08	1
1,1,1-Trichloroethane	<5.7		5.7	0.86	ug/Kg	☼		04/04/14 02:08	1
1,1,2-Trichloroethane	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 02:08	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	☼		04/04/14 02:08	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 02:08	1
Xylenes, Total	<11		11	0.52	ug/Kg	☼		04/04/14 02:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 122		04/04/14 02:08	1
Dibromofluoromethane	114		75 - 120		04/04/14 02:08	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 02:08	1
Toluene-d8 (Surr)	94		75 - 122		04/04/14 02:08	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	☼	04/04/14 07:20	04/08/14 15:41	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
1,3-Dichlorobenzene	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(5-10)-040214

Lab Sample ID: 500-74347-5

Date Collected: 04/02/14 14:35

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

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	☼	04/04/14 07:20	04/08/14 15:41	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,4-Dichlorophenol	<360		360	85	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,4-Dinitrophenol	<720		720	630	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2,6-Dinitrotoluene	<180		180	70	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Chlorophenol	<180		180	61	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Methylnaphthalene	59		36	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Methylphenol	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Nitroaniline	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
2-Nitrophenol	<360		360	85	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
3 & 4 Methylphenol	<180		180	60	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Bromophenyl phenyl ether	<180		180	47	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Chloroaniline	<720		720	170	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
4-Nitrophenol	<720		720	340	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Acenaphthene	28 J		36	6.4	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Acenaphthylene	<36		36	4.7	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Anthracene	16 J		36	6.0	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Benzo[a]anthracene	37		36	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Benzo[a]pyrene	48		36	6.9	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Benzo[b]fluoranthene	56		36	7.7	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Benzo[g,h,i]perylene	54		36	12	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Benzo[k]fluoranthene	28 J		36	11	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Butyl benzyl phthalate	<180		180	68	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Carbazole	<180		180	93	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Chrysene	82		36	9.8	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Dibenz(a,h)anthracene	25 J		36	6.9	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Dibenzofuran	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Diethyl phthalate	<180		180	61	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Di-n-octyl phthalate	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Fluoranthene	89		36	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Fluorene	19 J		36	5.0	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Hexachlorobenzene	<72		72	8.3	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Hexachlorobutadiene	<180		180	56	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Hexachlorocyclopentadiene	<720		720	210	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Hexachloroethane	<180		180	54	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(5-10)-040214

Lab Sample ID: 500-74347-5

Date Collected: 04/02/14 14:35

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	29	J	36	9.3	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Isophorone	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Naphthalene	25	J	36	5.5	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Nitrobenzene	<36		36	8.9	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
N-Nitrosodiphenylamine	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Pentachlorophenol	<720		720	580	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Phenanthrene	170		36	5.0	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Phenol	<180		180	80	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Pyrene	120		36	7.1	ug/Kg	☼	04/04/14 07:20	04/08/14 15:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	92		35 - 137				04/04/14 07:20	04/08/14 15:41	1
2-Fluorobiphenyl	72		25 - 119				04/04/14 07:20	04/08/14 15:41	1
2-Fluorophenol	72		25 - 110				04/04/14 07:20	04/08/14 15:41	1
Nitrobenzene-d5	69		25 - 115				04/04/14 07:20	04/08/14 15:41	1
Phenol-d5	66		31 - 110				04/04/14 07:20	04/08/14 15:41	1
Terphenyl-d14	123		36 - 134				04/04/14 07:20	04/08/14 15:41	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		04/09/14 08:30	04/09/14 21:09	1
Barium	0.60	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:09	1
Cadmium	0.0037	J	0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:09	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Cobalt	0.037		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Copper	0.018	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Iron	0.23		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:09	1
Manganese	3.2		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Nickel	0.047		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Selenium	0.011	J B	0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:09	1
Zinc	0.54	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:09	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		04/08/14 09:30	04/08/14 19:01	1
Barium	0.55		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 19:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 19:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 19:01	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Copper	0.015	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Iron	<0.20		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 19:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 19:01	1
Manganese	0.31		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(5-10)-040214

Lab Sample ID: 500-74347-5

Date Collected: 04/02/14 14:35

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:01	1
Zinc	0.45		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 19:01	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	☼	04/04/14 17:00	04/10/14 03:03	1
Arsenic	11		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Barium	25		0.55	0.059	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Beryllium	0.40		0.22	0.044	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Cadmium	0.79		0.11	0.014	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Calcium	54000	B	11	3.0	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Chromium	12		0.55	0.064	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Cobalt	10		0.28	0.055	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Copper	29		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Iron	19000		11	4.5	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Lead	14	B	0.28	0.082	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Magnesium	31000	B	5.5	1.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Manganese	430		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Nickel	24		0.55	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Potassium	2700	B	28	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	04/10/14 16:00	04/11/14 18:01	1
Silver	0.073	J	0.28	0.020	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Sodium	980		55	7.4	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Thallium	0.65		0.55	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Vanadium	15		0.28	0.041	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1
Zinc	49		1.1	0.22	mg/Kg	☼	04/04/14 17:00	04/10/14 03:03	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:35	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	110		17	6.8	ug/Kg	☼	04/04/14 13:35	04/07/14 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.62		0.200	0.200	SU			04/07/14 14:05	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(10-15)-040214

Lab Sample ID: 500-74347-6

Date Collected: 04/02/14 14:40

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 92.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	13		5.4	2.3	ug/Kg	☼		04/04/14 02:31	1
Benzene	<5.4		5.4	0.74	ug/Kg	☼		04/04/14 02:31	1
Bromodichloromethane	<5.4		5.4	0.93	ug/Kg	☼		04/04/14 02:31	1
Bromoform	<5.4		5.4	1.2	ug/Kg	☼		04/04/14 02:31	1
Bromomethane	<5.4		5.4	1.6	ug/Kg	☼		04/04/14 02:31	1
Carbon disulfide	<5.4		5.4	0.80	ug/Kg	☼		04/04/14 02:31	1
Carbon tetrachloride	<5.4		5.4	0.98	ug/Kg	☼		04/04/14 02:31	1
Chlorobenzene	<5.4		5.4	0.55	ug/Kg	☼		04/04/14 02:31	1
Chloroethane	<5.4		5.4	1.5	ug/Kg	☼		04/04/14 02:31	1
Chloroform	<5.4		5.4	0.62	ug/Kg	☼		04/04/14 02:31	1
Chloromethane	<5.4		5.4	1.1	ug/Kg	☼		04/04/14 02:31	1
cis-1,2-Dichloroethene	<5.4		5.4	0.76	ug/Kg	☼		04/04/14 02:31	1
cis-1,3-Dichloropropene	<5.4		5.4	0.71	ug/Kg	☼		04/04/14 02:31	1
Dibromochloromethane	<5.4		5.4	0.94	ug/Kg	☼		04/04/14 02:31	1
1,1-Dichloroethane	<5.4		5.4	0.85	ug/Kg	☼		04/04/14 02:31	1
1,2-Dichloroethane	<5.4		5.4	0.80	ug/Kg	☼		04/04/14 02:31	1
1,1-Dichloroethene	<5.4		5.4	0.87	ug/Kg	☼		04/04/14 02:31	1
1,2-Dichloropropane	<5.4		5.4	0.82	ug/Kg	☼		04/04/14 02:31	1
1,3-Dichloropropene, Total	<5.4		5.4	0.71	ug/Kg	☼		04/04/14 02:31	1
Ethylbenzene	<5.4		5.4	1.1	ug/Kg	☼		04/04/14 02:31	1
2-Hexanone	<5.4		5.4	1.6	ug/Kg	☼		04/04/14 02:31	1
Methylene Chloride	<5.4		5.4	1.5	ug/Kg	☼		04/04/14 02:31	1
Methyl Ethyl Ketone	<5.4		5.4	1.9	ug/Kg	☼		04/04/14 02:31	1
methyl isobutyl ketone	<5.4		5.4	1.4	ug/Kg	☼		04/04/14 02:31	1
Methyl tert-butyl ether	<5.4		5.4	0.89	ug/Kg	☼		04/04/14 02:31	1
Styrene	<5.4		5.4	0.71	ug/Kg	☼		04/04/14 02:31	1
1,1,2,2-Tetrachloroethane	<5.4		5.4	1.1	ug/Kg	☼		04/04/14 02:31	1
Tetrachloroethene	<5.4		5.4	0.82	ug/Kg	☼		04/04/14 02:31	1
Toluene	<5.4		5.4	0.75	ug/Kg	☼		04/04/14 02:31	1
trans-1,2-Dichloroethene	<5.4		5.4	0.74	ug/Kg	☼		04/04/14 02:31	1
trans-1,3-Dichloropropene	<5.4		5.4	0.96	ug/Kg	☼		04/04/14 02:31	1
1,1,1-Trichloroethane	<5.4		5.4	0.80	ug/Kg	☼		04/04/14 02:31	1
1,1,2-Trichloroethane	<5.4		5.4	0.73	ug/Kg	☼		04/04/14 02:31	1
Trichloroethene	<5.4		5.4	0.89	ug/Kg	☼		04/04/14 02:31	1
Vinyl chloride	<5.4		5.4	1.1	ug/Kg	☼		04/04/14 02:31	1
Xylenes, Total	<11		11	0.49	ug/Kg	☼		04/04/14 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 122		04/04/14 02:31	1
Dibromofluoromethane	114		75 - 120		04/04/14 02:31	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134		04/04/14 02:31	1
Toluene-d8 (Surr)	101		75 - 122		04/04/14 02:31	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	☼	04/04/14 07:20	04/08/14 16:00	1
1,2-Dichlorobenzene	<170		170	41	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
1,3-Dichlorobenzene	<170		170	38	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
1,4-Dichlorobenzene	<170		170	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,2'-oxybis[1-chloropropane]	<170		170	40	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(10-15)-040214

Lab Sample ID: 500-74347-6

Date Collected: 04/02/14 14:40

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 92.9

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	☼	04/04/14 07:20	04/08/14 16:00	1
2,4,6-Trichlorophenol	<340		340	120	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,4-Dichlorophenol	<340		340	81	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,4-Dimethylphenol	<340		340	130	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,4-Dinitrophenol	<690		690	600	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,4-Dinitrotoluene	<170		170	54	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2,6-Dinitrotoluene	<170		170	67	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Chloronaphthalene	<170		170	38	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Chlorophenol	<170		170	58	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Methylnaphthalene	<34		34	6.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Methylphenol	<170		170	55	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Nitroaniline	<170		170	46	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
2-Nitrophenol	<340		340	81	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
3 & 4 Methylphenol	<170		170	57	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
3,3'-Dichlorobenzidine	<170		170	48	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
3-Nitroaniline	<340		340	110	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4,6-Dinitro-2-methylphenol	<340		340	270	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Bromophenyl phenyl ether	<170		170	45	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Chloro-3-methylphenol	<340		340	120	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Chloroaniline	<690		690	160	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Chlorophenyl phenyl ether	<170		170	40	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Nitroaniline	<340		340	140	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
4-Nitrophenol	<690		690	320	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Acenaphthene	<34		34	6.1	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Acenaphthylene	<34		34	4.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Anthracene	<34		34	5.7	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Benzo[a]anthracene	8.2 J		34	4.6	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Benzo[a]pyrene	30 J		34	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Benzo[b]fluoranthene	23 J		34	7.4	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Benzo[g,h,i]perylene	16 J		34	11	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Benzo[k]fluoranthene	13 J		34	10	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Bis(2-chloroethoxy)methane	<170		170	35	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Bis(2-chloroethyl)ether	<170		170	51	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Bis(2-ethylhexyl) phthalate	<170		170	62	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Carbazole	<170		170	88	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Chrysene	11 J		34	9.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Dibenz(a,h)anthracene	<34		34	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Dibenzofuran	<170		170	40	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Diethyl phthalate	<170		170	58	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Dimethyl phthalate	<170		170	45	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Di-n-butyl phthalate	<170		170	52	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Di-n-octyl phthalate	<170		170	56	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Fluoranthene	13 J		34	6.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Fluorene	<34		34	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Hexachlorobenzene	<69		69	7.9	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Hexachlorobutadiene	<170		170	54	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Hexachlorocyclopentadiene	<690		690	200	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Hexachloroethane	<170		170	52	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Indeno[1,2,3-cd]pyrene	19 J		34	8.9	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(10-15)-040214

Lab Sample ID: 500-74347-6

Date Collected: 04/02/14 14:40

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	<170		170	38	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Naphthalene	<34		34	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Nitrobenzene	<34		34	8.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
N-Nitrosodi-n-propylamine	<170		170	42	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
N-Nitrosodiphenylamine	<170		170	40	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Pentachlorophenol	<690		690	550	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Phenanthrene	17	J	34	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Phenol	<170		170	76	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Pyrene	15	J	34	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	80		35 - 137				04/04/14 07:20	04/08/14 16:00	1
2-Fluorobiphenyl	64		25 - 119				04/04/14 07:20	04/08/14 16:00	1
2-Fluorophenol	69		25 - 110				04/04/14 07:20	04/08/14 16:00	1
Nitrobenzene-d5	62		25 - 115				04/04/14 07:20	04/08/14 16:00	1
Phenol-d5	58		31 - 110				04/04/14 07:20	04/08/14 16:00	1
Terphenyl-d14	106		36 - 134				04/04/14 07:20	04/08/14 16:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	2900		860	320	ug/Kg	☼	04/04/14 07:20	04/08/14 20:00	5

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Barium	0.58	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:14	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Copper	0.10		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:14	1
Manganese	0.74		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Nickel	0.60		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Selenium	0.013	J B	0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:14	1
Zinc	0.74	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:14	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		04/08/14 09:30	04/08/14 19:05	1
Barium	0.70		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 19:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 19:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 19:05	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Copper	0.012	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Iron	0.25		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 19:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 19:05	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-12(10-15)-040214

Lab Sample ID: 500-74347-6

Date Collected: 04/02/14 14:40

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.012	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:25	1
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:05	1
Zinc	0.60		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 19:05	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.2		5.2	2.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Arsenic	2.3	J	2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Barium	10		2.6	0.28	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Beryllium	<1.0		1.0	0.21	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Cadmium	0.28	J	0.52	0.066	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Calcium	180000	B	52	14	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Chromium	4.9		2.6	0.30	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Cobalt	2.4		1.3	0.26	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Copper	18		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Iron	5400		52	22	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Lead	5.4	B	1.3	0.39	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Magnesium	110000	B	26	5.4	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Manganese	180		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Nickel	20		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Potassium	1000	B	130	7.9	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Selenium	1.1	J	2.5	0.88	mg/Kg	☼	04/10/14 16:00	04/14/14 11:51	5
Silver	<1.3		1.3	0.095	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Sodium	660		260	35	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Thallium	<2.6		2.6	1.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Vanadium	6.1		1.3	0.19	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5
Zinc	24		5.2	1.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:16	5

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:38	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	7.9	J	16	6.3	ug/Kg	☼	04/04/14 13:35	04/07/14 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.85		0.200	0.200	SU			04/07/14 14:07	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(0-5)-040214

Lab Sample ID: 500-74347-7

Date Collected: 04/02/14 14:50

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 82.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	16		6.1	2.6	ug/Kg	☼		04/04/14 02:54	1
Benzene	<6.1		6.1	0.83	ug/Kg	☼		04/04/14 02:54	1
Bromodichloromethane	<6.1		6.1	1.0	ug/Kg	☼		04/04/14 02:54	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		04/04/14 02:54	1
Bromomethane	<6.1		6.1	1.8	ug/Kg	☼		04/04/14 02:54	1
Carbon disulfide	<6.1		6.1	0.91	ug/Kg	☼		04/04/14 02:54	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		04/04/14 02:54	1
Chlorobenzene	<6.1		6.1	0.61	ug/Kg	☼		04/04/14 02:54	1
Chloroethane	<6.1		6.1	1.6	ug/Kg	☼		04/04/14 02:54	1
Chloroform	<6.1		6.1	0.70	ug/Kg	☼		04/04/14 02:54	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		04/04/14 02:54	1
cis-1,2-Dichloroethene	<6.1		6.1	0.86	ug/Kg	☼		04/04/14 02:54	1
cis-1,3-Dichloropropene	<6.1		6.1	0.80	ug/Kg	☼		04/04/14 02:54	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		04/04/14 02:54	1
1,1-Dichloroethane	<6.1		6.1	0.96	ug/Kg	☼		04/04/14 02:54	1
1,2-Dichloroethane	<6.1		6.1	0.90	ug/Kg	☼		04/04/14 02:54	1
1,1,1-Dichloroethene	<6.1		6.1	0.98	ug/Kg	☼		04/04/14 02:54	1
1,2-Dichloropropane	<6.1		6.1	0.92	ug/Kg	☼		04/04/14 02:54	1
1,3-Dichloropropene, Total	<6.1		6.1	0.80	ug/Kg	☼		04/04/14 02:54	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		04/04/14 02:54	1
2-Hexanone	<6.1		6.1	1.7	ug/Kg	☼		04/04/14 02:54	1
Methylene Chloride	<6.1		6.1	1.6	ug/Kg	☼		04/04/14 02:54	1
Methyl Ethyl Ketone	<6.1		6.1	2.2	ug/Kg	☼		04/04/14 02:54	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		04/04/14 02:54	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		04/04/14 02:54	1
Styrene	<6.1		6.1	0.80	ug/Kg	☼		04/04/14 02:54	1
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		04/04/14 02:54	1
Tetrachloroethene	<6.1		6.1	0.93	ug/Kg	☼		04/04/14 02:54	1
Toluene	<6.1		6.1	0.85	ug/Kg	☼		04/04/14 02:54	1
trans-1,2-Dichloroethene	<6.1		6.1	0.83	ug/Kg	☼		04/04/14 02:54	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		04/04/14 02:54	1
1,1,1-Trichloroethane	<6.1		6.1	0.91	ug/Kg	☼		04/04/14 02:54	1
1,1,2-Trichloroethane	<6.1		6.1	0.83	ug/Kg	☼		04/04/14 02:54	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		04/04/14 02:54	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		04/04/14 02:54	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		04/04/14 02:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 122		04/04/14 02:54	1
Dibromofluoromethane	111		75 - 120		04/04/14 02:54	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134		04/04/14 02:54	1
Toluene-d8 (Surr)	99		75 - 122		04/04/14 02:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	42	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(0-5)-040214

Lab Sample ID: 500-74347-7

Date Collected: 04/02/14 14:50

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Chlorophenol	<200		200	66	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Methylnaphthalene	9.5	J	39	7.2	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Methylphenol	<200		200	63	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Nitroaniline	<200		200	52	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Bromophenyl phenyl ether	<200		200	51	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Acenaphthylene	<39		39	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Anthracene	<39		39	6.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Benzo[a]anthracene	<39		39	5.2	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Benzo[a]pyrene	<39		39	7.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Benzo[b]fluoranthene	<39		39	8.4	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Benzo[g,h,i]perylene	20	J	39	13	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Benzo[k]fluoranthene	<39		39	11	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Bis(2-chloroethyl)ether	<200		200	58	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Carbazole	<200		200	100	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Chrysene	<39		39	11	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Dibenz(a,h)anthracene	<39		39	7.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Dibenzofuran	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Di-n-butyl phthalate	<200		200	59	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Fluoranthene	<39		39	7.2	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Fluorene	<39		39	5.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Hexachlorobenzene	<79		79	9.0	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Hexachlorocyclopentadiene	<790		790	220	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Hexachloroethane	<200		200	59	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(0-5)-040214

Lab Sample ID: 500-74347-7

Date Collected: 04/02/14 14:50

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 82.5

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	20	J	39	10	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Isophorone	<200		200	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Naphthalene	<39		39	6.0	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Nitrobenzene	<39		39	9.7	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Pentachlorophenol	<790		790	630	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Phenanthrene	20	J	39	5.4	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Phenol	<200		200	87	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Pyrene	10	J	39	7.7	ug/Kg	☼	04/04/14 07:20	04/08/14 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	75		35 - 137				04/04/14 07:20	04/08/14 16:20	1
2-Fluorobiphenyl	71		25 - 119				04/04/14 07:20	04/08/14 16:20	1
2-Fluorophenol	69		25 - 110				04/04/14 07:20	04/08/14 16:20	1
Nitrobenzene-d5	62		25 - 115				04/04/14 07:20	04/08/14 16:20	1
Phenol-d5	58		31 - 110				04/04/14 07:20	04/08/14 16:20	1
Terphenyl-d14	126		36 - 134				04/04/14 07:20	04/08/14 16:20	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		04/09/14 08:30	04/09/14 21:19	1
Barium	0.94	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:19	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Copper	0.017	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:19	1
Manganese	2.0		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Nickel	0.012	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Selenium	0.016	J B	0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:19	1
Zinc	0.62	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:19	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		04/08/14 09:30	04/08/14 19:09	1
Barium	0.58		0.50	0.050	mg/L		04/08/14 09:30	04/08/14 19:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 19:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 19:09	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Copper	0.012	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Iron	2.2		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 19:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 19:09	1
Manganese	0.057		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:29	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(0-5)-040214

Lab Sample ID: 500-74347-7

Date Collected: 04/02/14 14:50

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:09	1
Zinc	0.47		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 19:09	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Arsenic	5.8		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Barium	57		0.57	0.061	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Beryllium	0.62		0.23	0.046	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Cadmium	0.76		0.11	0.015	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Calcium	42000	B	11	3.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Chromium	20		0.57	0.066	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Cobalt	9.5		0.29	0.057	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Copper	25		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Iron	20000		11	4.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Lead	11	B	0.29	0.085	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Magnesium	20000	B	5.7	1.2	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Manganese	330		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Nickel	28		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Potassium	3200	B	29	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Selenium	<0.59		0.59	0.21	mg/Kg	☼	04/10/14 16:00	04/11/14 18:13	1
Silver	<0.29		0.29	0.021	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Sodium	2000		57	7.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Thallium	0.38	J	0.57	0.24	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Vanadium	23		0.29	0.042	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1
Zinc	43		1.1	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 03:22	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035	J B	0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:40	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	19		19	7.4	ug/Kg	☼	04/04/14 13:35	04/07/14 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.03		0.200	0.200	SU			04/07/14 14:10	1

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(5-10)-040214

Lab Sample ID: 500-74347-8

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	15		5.8	2.5	ug/Kg	☼		04/04/14 03:16	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 03:16	1
Bromodichloromethane	<5.8		5.8	0.99	ug/Kg	☼		04/04/14 03:16	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 03:16	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 03:16	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 03:16	1
Carbon tetrachloride	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 03:16	1
Chlorobenzene	<5.8		5.8	0.58	ug/Kg	☼		04/04/14 03:16	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 03:16	1
Chloroform	<5.8		5.8	0.66	ug/Kg	☼		04/04/14 03:16	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 03:16	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		04/04/14 03:16	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 03:16	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 03:16	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		04/04/14 03:16	1
1,2-Dichloroethane	<5.8		5.8	0.85	ug/Kg	☼		04/04/14 03:16	1
1,1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		04/04/14 03:16	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 03:16	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 03:16	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 03:16	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 03:16	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 03:16	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		04/04/14 03:16	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 03:16	1
Methyl tert-butyl ether	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 03:16	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 03:16	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 03:16	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 03:16	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 03:16	1
trans-1,2-Dichloroethene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 03:16	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 03:16	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 03:16	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 03:16	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 03:16	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 03:16	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		04/04/14 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 122		04/04/14 03:16	1
Dibromofluoromethane	115		75 - 120		04/04/14 03:16	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134		04/04/14 03:16	1
Toluene-d8 (Surr)	98		75 - 122		04/04/14 03:16	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	☼	04/04/14 07:20	04/08/14 16:39	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(5-10)-040214

Lab Sample ID: 500-74347-8

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	86	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,4-Dichlorophenol	<370		370	90	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Methylnaphthalene	20	J	37	6.9	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Methylphenol	<190		190	60	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Acenaphthene	<37		37	6.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Acenaphthylene	<37		37	5.0	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Anthracene	<37		37	6.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Benzo[a]anthracene	<37		37	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Benzo[a]pyrene	<37		37	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Benzo[b]fluoranthene	<37		37	8.1	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Benzo[g,h,i]perylene	31	J	37	12	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Carbazole	<190		190	97	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Chrysene	24	J	37	10	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Dibenz(a,h)anthracene	<37		37	7.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Fluoranthene	14	J	37	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Fluorene	<37		37	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Hexachloroethane	<190		190	57	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(5-10)-040214

Lab Sample ID: 500-74347-8

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.7

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	22	J	37	9.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Isophorone	<190		190	42	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Naphthalene	<37		37	5.8	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Phenanthrene	46		37	5.3	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Phenol	<190		190	84	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Pyrene	26	J	37	7.5	ug/Kg	☼	04/04/14 07:20	04/08/14 16:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
<i>2,4,6-Tribromophenol</i>	63		35 - 137				04/04/14 07:20	04/08/14 16:39	1
<i>2-Fluorobiphenyl</i>	55		25 - 119				04/04/14 07:20	04/08/14 16:39	1
<i>2-Fluorophenol</i>	52		25 - 110				04/04/14 07:20	04/08/14 16:39	1
<i>Nitrobenzene-d5</i>	46		25 - 115				04/04/14 07:20	04/08/14 16:39	1
<i>Phenol-d5</i>	43		31 - 110				04/04/14 07:20	04/08/14 16:39	1
<i>Terphenyl-d14</i>	108		36 - 134				04/04/14 07:20	04/08/14 16:39	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		04/09/14 08:30	04/09/14 21:32	1
Barium	0.76	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:32	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Cobalt	0.017	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Copper	0.011	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:32	1
Lead	0.0093		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:32	1
Manganese	3.0		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Nickel	0.027		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:32	1
Zinc	0.69	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Barium	0.49	J	0.50	0.050	mg/L		04/08/14 09:30	04/08/14 19:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 19:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 19:13	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Copper	0.012	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Iron	0.49		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 19:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 19:13	1
Manganese	0.13		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:33	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(5-10)-040214

Lab Sample ID: 500-74347-8

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:13	1
Zinc	0.38		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 19:13	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Arsenic	9.3		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Barium	34		0.57	0.061	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Beryllium	0.45		0.23	0.046	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Cadmium	0.73		0.11	0.015	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Calcium	40000 B		11	3.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Chromium	14		0.57	0.066	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Cobalt	9.2		0.29	0.057	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Copper	26		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Iron	17000		11	4.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Lead	14 B		0.29	0.085	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Magnesium	24000 B		5.7	1.2	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Manganese	320		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Nickel	23		0.57	0.11	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Potassium	2600 B		29	1.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Selenium	<0.56		0.56	0.20	mg/Kg	☼	04/10/14 16:00	04/11/14 18:19	1
Silver	0.066 J		0.29	0.021	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Sodium	870		57	7.7	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Thallium	0.38 J		0.57	0.24	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Vanadium	16		0.29	0.042	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1
Zinc	44		1.1	0.23	mg/Kg	☼	04/04/14 17:00	04/10/14 03:28	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029 J B		0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	20		19	7.4	ug/Kg	☼	04/04/14 13:35	04/07/14 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.68		0.200	0.200	SU			04/07/14 14:12	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(10-15)-040214

Lab Sample ID: 500-74347-9

Date Collected: 04/02/14 15:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.6

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.5		5.5	2.4	ug/Kg	☼		04/04/14 03:39	1
Benzene	<5.5		5.5	0.76	ug/Kg	☼		04/04/14 03:39	1
Bromodichloromethane	<5.5		5.5	0.95	ug/Kg	☼		04/04/14 03:39	1
Bromoform	<5.5		5.5	1.3	ug/Kg	☼		04/04/14 03:39	1
Bromomethane	<5.5		5.5	1.7	ug/Kg	☼		04/04/14 03:39	1
Carbon disulfide	<5.5		5.5	0.82	ug/Kg	☼		04/04/14 03:39	1
Carbon tetrachloride	<5.5		5.5	1.0	ug/Kg	☼		04/04/14 03:39	1
Chlorobenzene	<5.5		5.5	0.56	ug/Kg	☼		04/04/14 03:39	1
Chloroethane	<5.5		5.5	1.5	ug/Kg	☼		04/04/14 03:39	1
Chloroform	<5.5		5.5	0.63	ug/Kg	☼		04/04/14 03:39	1
Chloromethane	<5.5		5.5	1.2	ug/Kg	☼		04/04/14 03:39	1
cis-1,2-Dichloroethene	<5.5		5.5	0.78	ug/Kg	☼		04/04/14 03:39	1
cis-1,3-Dichloropropene	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 03:39	1
Dibromochloromethane	<5.5		5.5	0.96	ug/Kg	☼		04/04/14 03:39	1
1,1-Dichloroethane	<5.5		5.5	0.87	ug/Kg	☼		04/04/14 03:39	1
1,2-Dichloroethane	<5.5		5.5	0.82	ug/Kg	☼		04/04/14 03:39	1
1,1,1-Dichloroethene	<5.5		5.5	0.89	ug/Kg	☼		04/04/14 03:39	1
1,2-Dichloropropane	<5.5		5.5	0.84	ug/Kg	☼		04/04/14 03:39	1
1,3-Dichloropropene, Total	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 03:39	1
Ethylbenzene	<5.5		5.5	1.1	ug/Kg	☼		04/04/14 03:39	1
2-Hexanone	<5.5		5.5	1.6	ug/Kg	☼		04/04/14 03:39	1
Methylene Chloride	<5.5		5.5	1.5	ug/Kg	☼		04/04/14 03:39	1
Methyl Ethyl Ketone	<5.5		5.5	2.0	ug/Kg	☼		04/04/14 03:39	1
methyl isobutyl ketone	<5.5		5.5	1.4	ug/Kg	☼		04/04/14 03:39	1
Methyl tert-butyl ether	<5.5		5.5	0.91	ug/Kg	☼		04/04/14 03:39	1
Styrene	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 03:39	1
1,1,1,2-Tetrachloroethane	<5.5		5.5	1.1	ug/Kg	☼		04/04/14 03:39	1
Tetrachloroethene	<5.5		5.5	0.84	ug/Kg	☼		04/04/14 03:39	1
Toluene	<5.5		5.5	0.77	ug/Kg	☼		04/04/14 03:39	1
trans-1,2-Dichloroethene	<5.5		5.5	0.76	ug/Kg	☼		04/04/14 03:39	1
trans-1,3-Dichloropropene	<5.5		5.5	0.99	ug/Kg	☼		04/04/14 03:39	1
1,1,1-Trichloroethane	<5.5		5.5	0.82	ug/Kg	☼		04/04/14 03:39	1
1,1,2-Trichloroethane	<5.5		5.5	0.75	ug/Kg	☼		04/04/14 03:39	1
Trichloroethene	8.2		5.5	0.91	ug/Kg	☼		04/04/14 03:39	1
Vinyl chloride	<5.5		5.5	1.2	ug/Kg	☼		04/04/14 03:39	1
Xylenes, Total	<11		11	0.50	ug/Kg	☼		04/04/14 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 122		04/04/14 03:39	1
Dibromofluoromethane	111		75 - 120		04/04/14 03:39	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134		04/04/14 03:39	1
Toluene-d8 (Surr)	95		75 - 122		04/04/14 03:39	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	☼	04/04/14 07:20	04/08/14 19:40	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(10-15)-040214

Lab Sample ID: 500-74347-9

Date Collected: 04/02/14 15:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.6

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	☼	04/04/14 07:20	04/08/14 19:40	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,4-Dichlorophenol	<360		360	86	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,4-Dinitrophenol	<730		730	630	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2,6-Dinitrotoluene	<180		180	71	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Methylnaphthalene	7.4	J	36	6.6	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Methylphenol	<180		180	58	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
2-Nitrophenol	<360		360	85	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
3 & 4 Methylphenol	<180		180	60	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Chloroaniline	<730		730	170	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
4-Nitrophenol	<730		730	340	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Acenaphthene	<36		36	6.5	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Acenaphthylene	<36		36	4.8	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Anthracene	<36		36	6.0	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Benzo[a]anthracene	16	J	36	4.9	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Benzo[a]pyrene	38		36	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Benzo[b]fluoranthene	34	J	36	7.8	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Benzo[g,h,i]perylene	36		36	12	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Benzo[k]fluoranthene	16	J	36	11	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Butyl benzyl phthalate	830		180	69	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Carbazole	<180		180	93	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Chrysene	25	J	36	9.8	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Dibenz(a,h)anthracene	<36		36	7.0	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Dibenzofuran	<180		180	42	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Diethyl phthalate	<180		180	61	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Di-n-octyl phthalate	<180		180	59	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Fluoranthene	26	J	36	6.7	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Fluorene	<36		36	5.1	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Hexachlorobenzene	<73		73	8.4	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Hexachlorocyclopentadiene	<730		730	210	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Hexachloroethane	<180		180	55	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(10-15)-040214

Lab Sample ID: 500-74347-9

Date Collected: 04/02/14 15:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.6

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	25	J	36	9.3	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Isophorone	<180		180	40	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Naphthalene	<36		36	5.5	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Nitrobenzene	<36		36	9.0	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Pentachlorophenol	<730		730	580	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Phenanthrene	23	J	36	5.0	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Phenol	<180		180	80	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Pyrene	43		36	7.2	ug/Kg	☼	04/04/14 07:20	04/08/14 19:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	71		35 - 137				04/04/14 07:20	04/08/14 19:40	1
2-Fluorobiphenyl	64		25 - 119				04/04/14 07:20	04/08/14 19:40	1
2-Fluorophenol	54		25 - 110				04/04/14 07:20	04/08/14 19:40	1
Nitrobenzene-d5	57		25 - 115				04/04/14 07:20	04/08/14 19:40	1
Phenol-d5	38		31 - 110				04/04/14 07:20	04/08/14 19:40	1
Terphenyl-d14	137	X	36 - 134				04/04/14 07:20	04/08/14 19:40	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		04/09/14 08:30	04/09/14 21:37	1
Barium	0.68	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:37	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Cobalt	0.013	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Copper	0.018	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:37	1
Manganese	1.4		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Nickel	0.095		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:37	1
Zinc	0.77	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Barium	0.48	J	0.50	0.050	mg/L		04/08/14 09:30	04/08/14 19:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/08/14 09:30	04/08/14 19:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/08/14 09:30	04/08/14 19:26	1
Chromium	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Cobalt	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Copper	0.011	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Iron	<0.20		0.20	0.20	mg/L		04/08/14 09:30	04/08/14 19:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/08/14 09:30	04/08/14 19:26	1
Manganese	0.018	J	0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Nickel	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Selenium	<0.050		0.050	0.010	mg/L		04/08/14 09:30	04/10/14 04:37	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Client Sample ID: IN-7(10-15)-040214

Lab Sample ID: 500-74347-9

Date Collected: 04/02/14 15:00

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/08/14 09:30	04/08/14 19:26	1
Zinc	0.37		0.10	0.020	mg/L		04/08/14 09:30	04/08/14 19:26	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<5.2		5.2	2.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Arsenic	2.8		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Barium	51		2.6	0.28	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Beryllium	0.67	J	1.0	0.21	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Cadmium	0.31	J	0.52	0.066	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Calcium	99000	B	52	14	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Chromium	9.8		2.6	0.30	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Cobalt	3.5		1.3	0.26	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Copper	13		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Iron	7300		52	21	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Lead	9.5	B	1.3	0.39	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Magnesium	57000	B	26	5.3	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Manganese	550		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Nickel	12		2.6	0.52	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Potassium	1200	B	130	7.8	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Selenium	<0.54		0.54	0.19	mg/Kg	☼	04/10/14 16:00	04/11/14 18:26	1
Silver	<1.3		1.3	0.094	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Sodium	850		260	35	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Thallium	<2.6		2.6	1.1	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Vanadium	10		1.3	0.19	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5
Zinc	35		5.2	1.0	mg/Kg	☼	04/04/14 17:00	04/10/14 03:35	5

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/08/14 12:50	04/09/14 14:53	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	10	J	18	7.0	ug/Kg	☼	04/04/14 13:35	04/07/14 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.59		0.200	0.200	SU			04/07/14 14:15	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits

GC/MS Semi VOA

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

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
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 - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74347-1

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 6
Phone: 708.534.5200 Fax: 708.53



500-74347 COC

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

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

Chain of Custody Record

Lab Job #: 500-74347
Chain of Custody Number:
Page 1 of 1
Temperature °C of Cooler: 3.4

Client		Client Project #		Preservative		Parameter												Preservative Key		
Weston																		1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other		
Project Name		Lab Project #																		
IDOT- 051 051																				
Project Location/State		Lab PM																		
McCook, IL		Dan Cukierki																		
Lab ID	MS/MSD	Sample ID	Sampling		# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCP/SP/ Metals	pH							Comments		
			Date	Time																
1		IN-6 (0-5)-040214	4/2/14	1345	2	S	X	X	X	X	X									
2		IN-6 (0-5)-040214D	4/2/14	1345	2	S	X	X	X	X	X									
3		IN-1 (0-5)-040214	4/2/14	1355	2	S	X	X	X	X	X									
4		IN-12 (0-5)-040214	4/2/14	1430	2	S	X	X	X	X	X									
5		IN-12 (5-10)-040214	4/2/14	1435	2	S	X	X	X	X	X									
6		IN-12 (10-15)-040214	4/2/14	1440	2	S	X	X	X	X	X									
7		IN-7 (0-5)-040214	4/2/14	1450	2	S	X	X	X	X	X									
8		IN-7 (5-10)-040214	4/2/14	1455	2	S	X	X	X	X	X									
9		IN-7 (10-15)-040214	4/2/14	1500	2	S	X	X	X	X	X									
T J Rii																				

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>T J Rii</u> Company: <u>Weston</u> Date: <u>4/2/14</u> Time: <u>1530</u>	Received By: <u>T J Rii</u> Company: <u>TA</u> Date: <u>4/3/14</u> Time: <u>1530</u>	Lab Courier: <u>TA</u>
Relinquished By: <u>T J Rii</u> Company: <u>TA</u> Date: <u>4/2/14</u> Time: <u>1625</u>	Received By: <u>Shaw Scott</u> Company: <u>TA</u> Date: <u>4/3/14</u> Time: <u>0630</u>	Shipped: <u></u>
Relinquished By: <u></u> Company: <u></u> Date: <u></u> Time: <u></u>	Received By: <u></u> Company: <u></u> Date: <u></u> Time: <u></u>	Hand Delivered: <u></u>

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

Client Comments

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 500-74352-1
Client Project/Site: IDOT - Lyons, McCook, Summit - 051

For:
Weston Solutions, Inc.
750 E. Bunker Court
Suite 500
Vernon Hills, Illinois 60061-1450

Attn: Mr. S. Babusukumar



Authorized for release by:
4/11/2014 1:45:43 PM

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

LINKS

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www.testamericainc.com

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

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

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214

Lab Sample ID: 500-74352-1

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.6

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	47		5.7	2.5	ug/Kg	☼		04/04/14 04:02	1
Benzene	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 04:02	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	☼		04/04/14 04:02	1
Bromoform	<5.7		5.7	1.3	ug/Kg	☼		04/04/14 04:02	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	☼		04/04/14 04:02	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	☼		04/04/14 04:02	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 04:02	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	☼		04/04/14 04:02	1
Chloroethane	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 04:02	1
Chloroform	<5.7		5.7	0.66	ug/Kg	☼		04/04/14 04:02	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 04:02	1
cis-1,2-Dichloroethene	<5.7		5.7	0.81	ug/Kg	☼		04/04/14 04:02	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 04:02	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	☼		04/04/14 04:02	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	☼		04/04/14 04:02	1
1,2-Dichloroethane	<5.7		5.7	0.85	ug/Kg	☼		04/04/14 04:02	1
1,1,1-Dichloroethene	<5.7		5.7	0.92	ug/Kg	☼		04/04/14 04:02	1
1,2-Dichloropropane	<5.7		5.7	0.87	ug/Kg	☼		04/04/14 04:02	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 04:02	1
Ethylbenzene	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 04:02	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 04:02	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 04:02	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	☼		04/04/14 04:02	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 04:02	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	☼		04/04/14 04:02	1
Styrene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 04:02	1
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 04:02	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	☼		04/04/14 04:02	1
Toluene	<5.7		5.7	0.80	ug/Kg	☼		04/04/14 04:02	1
trans-1,2-Dichloroethene	<5.7		5.7	0.79	ug/Kg	☼		04/04/14 04:02	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 04:02	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	☼		04/04/14 04:02	1
1,1,2-Trichloroethane	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 04:02	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	☼		04/04/14 04:02	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 04:02	1
Xylenes, Total	<11		11	0.52	ug/Kg	☼		04/04/14 04:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 122		04/04/14 04:02	1
Dibromofluoromethane	114		75 - 120		04/04/14 04:02	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134		04/04/14 04:02	1
Toluene-d8 (Surr)	96		75 - 122		04/04/14 04:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214

Lab Sample ID: 500-74352-1

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

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	<370		370	84	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2,6-Dinitrotoluene	<190		190	72	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Methylnaphthalene	47		37	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Methylphenol	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
3 & 4 Methylphenol	<190		190	61	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Acenaphthene	13 J		37	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Anthracene	11 J		37	6.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Benzo[a]anthracene	25 J		37	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Benzo[a]pyrene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Bis(2-ethylhexyl) phthalate	<190		190	67	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Carbazole	<190		190	95	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Chrysene	27 J		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Dibenzofuran	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Diethyl phthalate	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Fluoranthene	45		37	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Fluorene	14 J		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Hexachloroethane	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214

Lab Sample ID: 500-74352-1

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

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	<37		37	9.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Isophorone	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Naphthalene	13	J	37	5.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Phenanthrene	51		37	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Phenol	<190		190	82	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Pyrene	91		37	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	73		35 - 137				04/07/14 06:53	04/08/14 18:06	1
2-Fluorobiphenyl	78		25 - 119				04/07/14 06:53	04/08/14 18:06	1
2-Fluorophenol	72		25 - 110				04/07/14 06:53	04/08/14 18:06	1
Nitrobenzene-d5	63		25 - 115				04/07/14 06:53	04/08/14 18:06	1
Phenol-d5	77		31 - 110				04/07/14 06:53	04/08/14 18:06	1
Terphenyl-d14	121		36 - 134				04/07/14 06:53	04/08/14 18:06	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		04/09/14 08:30	04/09/14 21:42	1
Barium	0.63	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:42	1
Cadmium	0.0054		0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:42	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Cobalt	0.021	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Copper	0.019	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:42	1
Manganese	2.8		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Nickel	0.026		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Selenium	0.014	J B	0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:42	1
Zinc	0.67	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Barium	0.61		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 18:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 18:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 18:56	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Copper	0.011	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 18:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 18:56	1
Manganese	0.048		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214

Lab Sample ID: 500-74352-1

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 18:56	1
Zinc	0.66		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 18:56	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.57	J	1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Arsenic	6.4		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Barium	26		0.57	0.061	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Beryllium	0.28		0.23	0.045	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Cadmium	0.67		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Calcium	81000		110	31	mg/Kg	☼	04/07/14 15:30	04/09/14 12:29	10
Chromium	8.9		0.57	0.066	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Cobalt	5.7		0.28	0.057	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Copper	20		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Iron	12000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Lead	15	B	0.28	0.084	mg/Kg	☼	04/07/14 15:30	04/09/14 14:24	1
Magnesium	40000		5.7	1.2	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Manganese	300		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Nickel	13		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Potassium	1800		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Silver	0.051	J	0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Sodium	1100		57	7.6	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Thallium	0.41	J	0.57	0.24	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Vanadium	11		0.28	0.042	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1
Zinc	42		1.1	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 17:55	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	26		18	7.2	ug/Kg	☼	04/07/14 15:19	04/08/14 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.63		0.200	0.200	SU			04/06/14 14:40	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214D

Lab Sample ID: 500-74352-2

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	72		5.8	2.5	ug/Kg	☼		04/04/14 04:25	1
Benzene	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 04:25	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:25	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 04:25	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		04/04/14 04:25	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 04:25	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		04/04/14 04:25	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		04/04/14 04:25	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 04:25	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		04/04/14 04:25	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:25	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		04/04/14 04:25	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:25	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:25	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		04/04/14 04:25	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 04:25	1
1,1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		04/04/14 04:25	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 04:25	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:25	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:25	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 04:25	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 04:25	1
Methyl Ethyl Ketone	11		5.8	2.1	ug/Kg	☼		04/04/14 04:25	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 04:25	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		04/04/14 04:25	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:25	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:25	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		04/04/14 04:25	1
Toluene	<5.8		5.8	0.82	ug/Kg	☼		04/04/14 04:25	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 04:25	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:25	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 04:25	1
1,1,2-Trichloroethane	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 04:25	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		04/04/14 04:25	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:25	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		04/04/14 04:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 122		04/04/14 04:25	1
Dibromofluoromethane	118		75 - 120		04/04/14 04:25	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 04:25	1
Toluene-d8 (Surr)	98		75 - 122		04/04/14 04:25	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	☼	04/07/14 06:53	04/08/14 18:29	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214D

Lab Sample ID: 500-74352-2

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.8

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	☼	04/07/14 06:53	04/08/14 18:29	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,4-Dinitrophenol	<760		760	670	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Methylnaphthalene	110		38	7.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Methylphenol	<190		190	61	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
2-Nitrophenol	<380		380	89	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4,6-Dinitro-2-methylphenol	<380		380	300	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Acenaphthene	37 J		38	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Acenaphthylene	13 J		38	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Anthracene	67		38	6.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Benzo[a]anthracene	95		38	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Benzo[a]pyrene	<38		38	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Benzo[b]fluoranthene	91		38	8.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Benzo[k]fluoranthene	55		38	11	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Bis(2-ethylhexyl) phthalate	79 J		190	69	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Carbazole	<190		190	98	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Chrysene	96		38	10	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Fluoranthene	220		38	7.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Fluorene	38		38	5.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Hexachloroethane	<190		190	58	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214D

Lab Sample ID: 500-74352-2

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 85.8

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	<38		38	9.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Isophorone	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Naphthalene	52		38	5.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Nitrobenzene	<38		38	9.4	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Phenanthrene	200		38	5.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Phenol	<190		190	84	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Pyrene	510		38	7.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	68		35 - 137				04/07/14 06:53	04/08/14 18:29	1
2-Fluorobiphenyl	69		25 - 119				04/07/14 06:53	04/08/14 18:29	1
2-Fluorophenol	65		25 - 110				04/07/14 06:53	04/08/14 18:29	1
Nitrobenzene-d5	56		25 - 115				04/07/14 06:53	04/08/14 18:29	1
Phenol-d5	67		31 - 110				04/07/14 06:53	04/08/14 18:29	1
Terphenyl-d14	148	X	36 - 134				04/07/14 06:53	04/08/14 18:29	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		04/09/14 08:30	04/09/14 21:48	1
Barium	0.52	B	0.50	0.050	mg/L		04/09/14 08:30	04/09/14 21:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 08:30	04/09/14 21:48	1
Cadmium	0.0047	J	0.0050	0.0020	mg/L		04/09/14 08:30	04/09/14 21:48	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Cobalt	0.015	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Copper	0.014	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 08:30	04/09/14 21:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 08:30	04/09/14 21:48	1
Manganese	2.5		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Nickel	0.020	J	0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Selenium	0.015	J B	0.050	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Silver	<0.025		0.025	0.010	mg/L		04/09/14 08:30	04/09/14 21:48	1
Zinc	0.49	B	0.10	0.020	mg/L		04/09/14 08:30	04/09/14 21:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Barium	0.54		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:12	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Copper	0.022	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:12	1
Manganese	0.085		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-8(0-6)-040214D

Lab Sample ID: 500-74352-2

Date Collected: 04/02/14 08:30

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:12	1
Zinc	0.60		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:12	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Arsenic	7.9		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Barium	38		0.57	0.062	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Beryllium	0.40		0.23	0.046	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Cadmium	1.2		0.11	0.015	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Calcium	68000		110	31	mg/Kg	☼	04/07/14 15:30	04/09/14 13:00	10
Chromium	17		0.57	0.067	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Cobalt	7.4		0.29	0.057	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Copper	26		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Iron	16000	B	11	4.7	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Lead	15	B	0.29	0.086	mg/Kg	☼	04/07/14 15:30	04/09/14 14:55	1
Magnesium	30000		5.7	1.2	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Manganese	320		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Nickel	20		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Potassium	2400		29	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Silver	0.21	J	0.29	0.021	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Sodium	1500		57	7.7	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Thallium	0.65		0.57	0.24	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Vanadium	16		0.29	0.043	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1
Zinc	54		1.1	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 18:27	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 09:58	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		18	6.9	ug/Kg	☼	04/07/14 15:19	04/08/14 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.03		0.200	0.200	SU			04/06/14 14:42	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-11(0-6)-040214

Lab Sample ID: 500-74352-3

Date Collected: 04/02/14 08:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	21		5.8	2.5	ug/Kg	☼		04/04/14 04:47	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 04:47	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:47	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 04:47	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 04:47	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 04:47	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		04/04/14 04:47	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		04/04/14 04:47	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 04:47	1
Chloroform	<5.8		5.8	0.66	ug/Kg	☼		04/04/14 04:47	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:47	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		04/04/14 04:47	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:47	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:47	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		04/04/14 04:47	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 04:47	1
1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		04/04/14 04:47	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 04:47	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:47	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:47	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 04:47	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 04:47	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		04/04/14 04:47	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 04:47	1
Methyl tert-butyl ether	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 04:47	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 04:47	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:47	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 04:47	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 04:47	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		04/04/14 04:47	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 04:47	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 04:47	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 04:47	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 04:47	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 04:47	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		04/04/14 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 122		04/04/14 04:47	1
Dibromofluoromethane	106		75 - 120		04/04/14 04:47	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		04/04/14 04:47	1
Toluene-d8 (Surr)	96		75 - 122		04/04/14 04:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-11(0-6)-040214

Lab Sample ID: 500-74352-3

Date Collected: 04/02/14 08:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	85	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,4-Dinitrophenol	<750		750	660	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Methylnaphthalene	110		37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Methylphenol	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
2-Nitrophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Chloroaniline	<750		750	180	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Acenaphthene	20 J		37	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Anthracene	25 J		37	6.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Benzo[a]anthracene	39		37	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Benzo[a]pyrene	<37		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Benzo[b]fluoranthene	32 J		37	8.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Benzo[k]fluoranthene	20 J		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Carbazole	<190		190	96	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Chrysene	54		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Fluoranthene	81		37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Fluorene	24 J		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Hexachloroethane	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-11(0-6)-040214

Lab Sample ID: 500-74352-3

Date Collected: 04/02/14 08:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.5

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	<37		37	9.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Isophorone	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Naphthalene	43		37	5.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Nitrobenzene	<37		37	9.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Pentachlorophenol	<750		750	600	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Phenanthrene	120		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Phenol	<190		190	83	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Pyrene	140		37	7.4	ug/Kg	☼	04/07/14 06:53	04/08/14 18:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		35 - 137				04/07/14 06:53	04/08/14 18:51	1
2-Fluorobiphenyl	74		25 - 119				04/07/14 06:53	04/08/14 18:51	1
2-Fluorophenol	64		25 - 110				04/07/14 06:53	04/08/14 18:51	1
Nitrobenzene-d5	62		25 - 115				04/07/14 06:53	04/08/14 18:51	1
Phenol-d5	75		31 - 110				04/07/14 06:53	04/08/14 18:51	1
Terphenyl-d14	119		36 - 134				04/07/14 06:53	04/08/14 18:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Barium	0.66	B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:22	1
Cadmium	0.0077		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:22	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Cobalt	0.075		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Copper	0.092		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Iron	1.4		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:22	1
Lead	0.043		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:22	1
Manganese	6.8		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Nickel	0.063		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:22	1
Zinc	0.84	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:22	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		04/09/14 09:00	04/09/14 19:16	1
Barium	0.63		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:16	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Copper	0.011	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Iron	0.23		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:16	1
Manganese	0.12		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-11(0-6)-040214

Lab Sample ID: 500-74352-3

Date Collected: 04/02/14 08:49

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:16	1
Zinc	0.67		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Arsenic	8.0		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Barium	59		0.56	0.060	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Beryllium	0.61		0.23	0.045	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Cadmium	0.88		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Calcium	42000		11	3.1	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Chromium	18		0.56	0.065	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Cobalt	11		0.28	0.056	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Copper	27		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Iron	21000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Lead	16	B	0.28	0.084	mg/Kg	☼	04/07/14 15:30	04/09/14 15:16	1
Magnesium	22000		5.6	1.2	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Manganese	370		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Nickel	26		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Potassium	2800		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Selenium	<0.56		0.56	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Silver	0.041	J	0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Sodium	1700		56	7.5	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Thallium	0.76		0.56	0.24	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Vanadium	22		0.28	0.042	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1
Zinc	48		1.1	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 18:33	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:04	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	31		17	6.8	ug/Kg	☼	04/07/14 15:19	04/08/14 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.89		0.200	0.200	SU			04/06/14 14:44	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-2(0-6)-040214

Lab Sample ID: 500-74352-4

Date Collected: 04/02/14 10:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	37		5.6	2.4	ug/Kg	☼		04/04/14 05:10	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 05:10	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 05:10	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 05:10	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 05:10	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 05:10	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 05:10	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		04/04/14 05:10	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:10	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		04/04/14 05:10	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 05:10	1
cis-1,2-Dichloroethene	<5.6		5.6	0.80	ug/Kg	☼		04/04/14 05:10	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:10	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		04/04/14 05:10	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		04/04/14 05:10	1
1,2-Dichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 05:10	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		04/04/14 05:10	1
1,2-Dichloropropane	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 05:10	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:10	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 05:10	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 05:10	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:10	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 05:10	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:10	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 05:10	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:10	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 05:10	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 05:10	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 05:10	1
trans-1,2-Dichloroethene	<5.6		5.6	0.78	ug/Kg	☼		04/04/14 05:10	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 05:10	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 05:10	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 05:10	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 05:10	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 05:10	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		04/04/14 05:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 122		04/04/14 05:10	1
Dibromofluoromethane	120		75 - 120		04/04/14 05:10	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 05:10	1
Toluene-d8 (Surr)	96		75 - 122		04/04/14 05:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-2(0-6)-040214

Lab Sample ID: 500-74352-4

Date Collected: 04/02/14 10:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	84	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Methylnaphthalene	150		37	6.8	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Methylphenol	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Acenaphthene	<37		37	6.6	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Anthracene	<37		37	6.2	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Benzo[a]pyrene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Benzo[g,h,i]perylene	25 J		37	12	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Bis(2-ethylhexyl) phthalate	<190		190	67	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Carbazole	<190		190	95	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Chrysene	34 J		37	10	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Dibenzofuran	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Fluoranthene	25 J		37	6.8	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Fluorene	12 J		37	5.2	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Hexachlorobenzene	<74		74	8.6	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Hexachloroethane	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-2(0-6)-040214

Lab Sample ID: 500-74352-4

Date Collected: 04/02/14 10:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.5

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	<37		37	9.6	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Isophorone	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Naphthalene	30	J	37	5.7	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Phenanthrene	120		37	5.1	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Phenol	<190		190	82	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Pyrene	<37		37	7.3	ug/Kg	☼	04/07/14 06:53	04/09/14 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	69		35 - 137				04/07/14 06:53	04/09/14 17:01	1
2-Fluorobiphenyl	79		25 - 119				04/07/14 06:53	04/09/14 17:01	1
2-Fluorophenol	73		25 - 110				04/07/14 06:53	04/09/14 17:01	1
Nitrobenzene-d5	60		25 - 115				04/07/14 06:53	04/09/14 17:01	1
Phenol-d5	80		31 - 110				04/07/14 06:53	04/09/14 17:01	1
Terphenyl-d14	118		36 - 134				04/07/14 06:53	04/09/14 17:01	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		04/10/14 09:45	04/11/14 00:29	1
Barium	0.67	B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:29	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:29	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Cobalt	0.066		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Copper	0.019	J	0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:29	1
Manganese	6.2		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Nickel	0.063		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:29	1
Zinc	0.58	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:29	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		04/09/14 09:00	04/09/14 19:27	1
Barium	0.59		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:27	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Copper	0.017	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Iron	0.27		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:27	1
Manganese	0.042		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-2(0-6)-040214

Lab Sample ID: 500-74352-4

Date Collected: 04/02/14 10:00

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:27	1
Zinc	0.59		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:27	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	☼	04/07/14 15:30	04/08/14 18:40	1
Arsenic	11		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Barium	32		0.55	0.059	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Beryllium	0.40		0.22	0.044	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Cadmium	0.93		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Calcium	76000		110	30	mg/Kg	☼	04/07/14 15:30	04/09/14 13:06	10
Chromium	12		0.55	0.064	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Cobalt	8.3		0.27	0.055	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Copper	28		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Iron	19000	B	11	4.5	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Lead	14	B	0.27	0.082	mg/Kg	☼	04/07/14 15:30	04/09/14 15:22	1
Magnesium	37000		5.5	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Manganese	390		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Nickel	22		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Potassium	2600		27	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Selenium	<0.55		0.55	0.19	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Silver	0.058	J	0.27	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Sodium	720		55	7.4	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Thallium	0.71		0.55	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Vanadium	15		0.27	0.041	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1
Zinc	50		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 18:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:10	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	31		17	6.8	ug/Kg	☼	04/07/14 15:19	04/08/14 09:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.85		0.200	0.200	SU			04/06/14 14:46	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-5(0-6)-040214

Lab Sample ID: 500-74352-5

Date Collected: 04/02/14 10:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	8.2		5.6	2.4	ug/Kg	☼		04/04/14 14:33	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 14:33	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 14:33	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 14:33	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 14:33	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 14:33	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 14:33	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		04/04/14 14:33	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 14:33	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		04/04/14 14:33	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 14:33	1
cis-1,2-Dichloroethene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 14:33	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 14:33	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		04/04/14 14:33	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		04/04/14 14:33	1
1,2-Dichloroethane	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 14:33	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		04/04/14 14:33	1
1,2-Dichloropropane	<5.6		5.6	0.85	ug/Kg	☼		04/04/14 14:33	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 14:33	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 14:33	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 14:33	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 14:33	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 14:33	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 14:33	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 14:33	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 14:33	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 14:33	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 14:33	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 14:33	1
trans-1,2-Dichloroethene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 14:33	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 14:33	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 14:33	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 14:33	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 14:33	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 14:33	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		04/04/14 14:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 122		04/04/14 14:33	1
Dibromofluoromethane	114		75 - 120		04/04/14 14:33	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134		04/04/14 14:33	1
Toluene-d8 (Surr)	103		75 - 122		04/04/14 14:33	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	40	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,2'-oxybis[1-chloropropane]	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-5(0-6)-040214

Lab Sample ID: 500-74352-5

Date Collected: 04/02/14 10:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	84	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,4-Dichlorophenol	<370		370	87	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Chloronaphthalene	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Chlorophenol	<180		180	63	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Methylnaphthalene	64		37	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Methylphenol	<180		180	59	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Acenaphthene	14 J		37	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Acenaphthylene	<37		37	4.8	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Anthracene	16 J		37	6.1	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Benzo[a]anthracene	35 J		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Benzo[a]pyrene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Benzo[b]fluoranthene	<37		37	7.9	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Bis(2-chloroethoxy)methane	<180		180	38	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Butyl benzyl phthalate	<180		180	70	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Carbazole	<180		180	95	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Chrysene	57		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Dibenzofuran	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Fluoranthene	59		37	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Fluorene	13 J		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Hexachlorobutadiene	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Hexachloroethane	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-5(0-6)-040214

Lab Sample ID: 500-74352-5

Date Collected: 04/02/14 10:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<37		37	9.5	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Isophorone	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Naphthalene	16	J	37	5.7	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Phenanthrene	130		37	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Phenol	<180		180	82	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Pyrene	110		37	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 19:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	61		35 - 137				04/07/14 06:53	04/08/14 19:36	1
2-Fluorobiphenyl	66		25 - 119				04/07/14 06:53	04/08/14 19:36	1
2-Fluorophenol	59		25 - 110				04/07/14 06:53	04/08/14 19:36	1
Nitrobenzene-d5	56		25 - 115				04/07/14 06:53	04/08/14 19:36	1
Phenol-d5	68		31 - 110				04/07/14 06:53	04/08/14 19:36	1
Terphenyl-d14	115		36 - 134				04/07/14 06:53	04/08/14 19:36	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		04/10/14 09:45	04/11/14 00:35	1
Barium	0.67	B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:35	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:35	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Cobalt	0.052		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Copper	0.053		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Iron	0.22		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:35	1
Lead	0.021		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:35	1
Manganese	5.1		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Nickel	0.060		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:35	1
Zinc	0.60	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:35	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		04/09/14 09:00	04/09/14 19:31	1
Barium	0.64		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:31	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Copper	0.012	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:31	1
Manganese	0.089		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-5(0-6)-040214

Lab Sample ID: 500-74352-5

Date Collected: 04/02/14 10:15

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:31	1
Zinc	0.66		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:31	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	☼	04/07/14 15:30	04/08/14 19:02	1
Arsenic	6.7		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Barium	58		0.54	0.058	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Beryllium	0.62		0.22	0.043	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Cadmium	0.91		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Calcium	49000		11	2.9	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Chromium	20		0.54	0.063	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Cobalt	13		0.27	0.054	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Copper	21		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Iron	21000	B	11	4.5	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Lead	11	B	0.27	0.081	mg/Kg	☼	04/07/14 15:30	04/09/14 15:29	1
Magnesium	22000		5.4	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Manganese	330		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Nickel	29		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Potassium	3600		27	1.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Selenium	<0.54		0.54	0.19	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Silver	0.038	J	0.27	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Sodium	1400		54	7.3	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Thallium	0.82		0.54	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Vanadium	22		0.27	0.040	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1
Zinc	47		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	24		18	7.2	ug/Kg	☼	04/07/14 15:19	04/08/14 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.77		0.200	0.200	SU			04/06/14 14:48	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(0-3)-040214

Lab Sample ID: 500-74352-6

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	26		5.6	2.4	ug/Kg	☼		04/04/14 05:56	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 05:56	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 05:56	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 05:56	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 05:56	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 05:56	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 05:56	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		04/04/14 05:56	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:56	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		04/04/14 05:56	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 05:56	1
cis-1,2-Dichloroethene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 05:56	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:56	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		04/04/14 05:56	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		04/04/14 05:56	1
1,2-Dichloroethane	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 05:56	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		04/04/14 05:56	1
1,2-Dichloropropane	<5.6		5.6	0.85	ug/Kg	☼		04/04/14 05:56	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:56	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 05:56	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 05:56	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:56	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 05:56	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 05:56	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 05:56	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 05:56	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 05:56	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 05:56	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 05:56	1
trans-1,2-Dichloroethene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 05:56	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 05:56	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 05:56	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 05:56	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 05:56	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 05:56	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		04/04/14 05:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 122		04/04/14 05:56	1
Dibromofluoromethane	110		75 - 120		04/04/14 05:56	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134		04/04/14 05:56	1
Toluene-d8 (Surr)	100		75 - 122		04/04/14 05:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<1800		1800	390	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
1,2-Dichlorobenzene	<1800		1800	430	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
1,3-Dichlorobenzene	<1800		1800	400	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
1,4-Dichlorobenzene	<1800		1800	460	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,2'-oxybis[1-chloropropane]	<1800		1800	420	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(0-3)-040214

Lab Sample ID: 500-74352-6

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<3600		3600	820	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,4,6-Trichlorophenol	<3600		3600	1200	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,4-Dichlorophenol	<3600		3600	850	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,4-Dimethylphenol	<3600		3600	1400	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,4-Dinitrophenol	<7200		7200	6300	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,4-Dinitrotoluene	<1800		1800	570	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2,6-Dinitrotoluene	<1800		1800	700	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Chloronaphthalene	<1800		1800	400	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Chlorophenol	<1800		1800	610	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Methylnaphthalene	92	J	360	66	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Methylphenol	<1800		1800	570	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Nitroaniline	<1800		1800	480	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
2-Nitrophenol	<3600		3600	850	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
3 & 4 Methylphenol	<1800		1800	600	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
3,3'-Dichlorobenzidine	<1800		1800	500	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
3-Nitroaniline	<3600		3600	1100	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4,6-Dinitro-2-methylphenol	<3600		3600	2900	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Bromophenyl phenyl ether	<1800		1800	470	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Chloro-3-methylphenol	<3600		3600	1200	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Chloroaniline	<7200		7200	1700	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Chlorophenyl phenyl ether	<1800		1800	420	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Nitroaniline	<3600		3600	1500	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
4-Nitrophenol	<7200		7200	3400	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Acenaphthene	110	J	360	64	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Acenaphthylene	<360		360	47	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Anthracene	400		360	60	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Benzo[a]anthracene	990		360	48	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Benzo[a]pyrene	980		360	69	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Benzo[b]fluoranthene	1300		360	77	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Benzo[g,h,i]perylene	<360		360	120	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Benzo[k]fluoranthene	620		360	110	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Bis(2-chloroethoxy)methane	<1800		1800	370	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Bis(2-chloroethyl)ether	<1800		1800	540	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Bis(2-ethylhexyl) phthalate	1700	J	1800	650	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Butyl benzyl phthalate	820	J	1800	680	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Carbazole	<1800		1800	930	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Chrysene	1200		360	98	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Dibenz(a,h)anthracene	<360		360	69	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Dibenzofuran	<1800		1800	420	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Diethyl phthalate	<1800		1800	610	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Dimethyl phthalate	<1800		1800	470	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Di-n-butyl phthalate	<1800		1800	550	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Di-n-octyl phthalate	<1800		1800	580	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Fluoranthene	1800		360	66	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Fluorene	170	J	360	50	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Hexachlorobenzene	<720		720	83	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Hexachlorobutadiene	<1800		1800	560	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Hexachlorocyclopentadiene	<7200		7200	2100	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Hexachloroethane	<1800		1800	540	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(0-3)-040214

Lab Sample ID: 500-74352-6

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<360		360	93	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Isophorone	<1800		1800	400	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Naphthalene	<360		360	55	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Nitrobenzene	<360		360	89	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
N-Nitrosodi-n-propylamine	<1800		1800	440	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
N-Nitrosodiphenylamine	<1800		1800	420	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Pentachlorophenol	<7200		7200	5700	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Phenanthrene	1100		360	50	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Phenol	<1800		1800	800	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10
Pyrene	2500		360	71	ug/Kg	☼	04/07/14 06:53	04/08/14 19:59	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	72		35 - 137	04/07/14 06:53	04/08/14 19:59	10
2-Fluorobiphenyl	93		25 - 119	04/07/14 06:53	04/08/14 19:59	10
2-Fluorophenol	70		25 - 110	04/07/14 06:53	04/08/14 19:59	10
Nitrobenzene-d5	59		25 - 115	04/07/14 06:53	04/08/14 19:59	10
Phenol-d5	71		31 - 110	04/07/14 06:53	04/08/14 19:59	10
Terphenyl-d14	123		36 - 134	04/07/14 06:53	04/08/14 19:59	10

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		04/10/14 09:45	04/11/14 00:41	1
Barium	0.64	B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:41	1
Cadmium	0.019		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:41	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Cobalt	0.062		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Copper	0.041		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Iron	12		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:41	1
Lead	1.2		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:41	1
Manganese	5.2		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Nickel	0.10		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:41	1
Zinc	1.7	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:41	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		04/09/14 09:00	04/09/14 19:35	1
Barium	0.52		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:35	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Copper	0.012	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Iron	0.22		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:35	1
Manganese	0.051		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(0-3)-040214

Lab Sample ID: 500-74352-6

Date Collected: 04/02/14 13:55

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:35	1
Zinc	0.46		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:35	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.68	J	1.1	0.43	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Arsenic	5.2		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Barium	80		0.54	0.057	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Beryllium	0.55		0.21	0.043	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Cadmium	4.9		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Calcium	27000		11	2.9	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Chromium	41		0.54	0.062	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Cobalt	7.9		0.27	0.054	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Copper	46		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Iron	17000	B	11	4.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Lead	370	B	0.27	0.080	mg/Kg	☼	04/07/14 15:30	04/09/14 15:35	1
Magnesium	16000		5.4	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Manganese	170		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Nickel	21		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Potassium	2300		27	1.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Selenium	1.1		0.54	0.19	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Silver	0.44		0.27	0.019	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Sodium	7500		540	72	mg/Kg	☼	04/07/14 15:30	04/09/14 13:12	10
Thallium	0.42	J	0.54	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Vanadium	20		0.27	0.040	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1
Zinc	180		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:08	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:14	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	210		17	6.5	ug/Kg	☼	04/07/14 15:19	04/08/14 09:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.90		0.200	0.200	SU			04/06/14 14:50	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(3-7)-040214

Lab Sample ID: 500-74352-7

Date Collected: 04/02/14 14:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	48		5.6	2.4	ug/Kg	☼		04/04/14 06:19	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 06:19	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 06:19	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 06:19	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 06:19	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 06:19	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 06:19	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		04/04/14 06:19	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 06:19	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		04/04/14 06:19	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 06:19	1
cis-1,2-Dichloroethene	<5.6		5.6	0.80	ug/Kg	☼		04/04/14 06:19	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 06:19	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		04/04/14 06:19	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		04/04/14 06:19	1
1,2-Dichloroethane	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 06:19	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		04/04/14 06:19	1
1,2-Dichloropropane	<5.6		5.6	0.85	ug/Kg	☼		04/04/14 06:19	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 06:19	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 06:19	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 06:19	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 06:19	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 06:19	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 06:19	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 06:19	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 06:19	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 06:19	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 06:19	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 06:19	1
trans-1,2-Dichloroethene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 06:19	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 06:19	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 06:19	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 06:19	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 06:19	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 06:19	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		04/04/14 06:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 122		04/04/14 06:19	1
Dibromofluoromethane	114		75 - 120		04/04/14 06:19	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134		04/04/14 06:19	1
Toluene-d8 (Surr)	97		75 - 122		04/04/14 06:19	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	☼	04/07/14 06:53	04/08/14 20:21	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
1,3-Dichlorobenzene	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,2'-oxybis[1-chloropropane]	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(3-7)-040214

Lab Sample ID: 500-74352-7

Date Collected: 04/02/14 14:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.8

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	☼	04/07/14 06:53	04/08/14 20:21	1
2,4,6-Trichlorophenol	<350		350	120	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,4-Dichlorophenol	<350		350	85	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,4-Dimethylphenol	<350		350	140	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,4-Dinitrophenol	<720		720	630	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2,6-Dinitrotoluene	<180		180	70	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Chloronaphthalene	<180		180	39	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Chlorophenol	<180		180	61	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Methylnaphthalene	68		35	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Methylphenol	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Nitroaniline	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
2-Nitrophenol	<350		350	84	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
3 & 4 Methylphenol	<180		180	59	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
3-Nitroaniline	<350		350	110	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4,6-Dinitro-2-methylphenol	<350		350	290	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Bromophenyl phenyl ether	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Chloro-3-methylphenol	<350		350	120	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Chloroaniline	<720		720	170	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Nitroaniline	<350		350	150	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
4-Nitrophenol	<720		720	340	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Acenaphthene	13 J		35	6.4	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Acenaphthylene	<35		35	4.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Anthracene	31 J		35	6.0	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Benzo[a]anthracene	84		35	4.8	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Benzo[a]pyrene	<35		35	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Benzo[b]fluoranthene	73		35	7.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Benzo[g,h,i]perylene	<35		35	11	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Benzo[k]fluoranthene	77		35	11	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Bis(2-chloroethoxy)methane	<180		180	36	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Bis(2-chloroethyl)ether	<180		180	53	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Bis(2-ethylhexyl) phthalate	<180		180	65	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Butyl benzyl phthalate	<180		180	68	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Carbazole	<180		180	92	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Chrysene	97		35	9.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Dibenz(a,h)anthracene	<35		35	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Dibenzofuran	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Diethyl phthalate	<180		180	60	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Di-n-butyl phthalate	<180		180	54	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Di-n-octyl phthalate	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Fluoranthene	130		35	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Fluorene	24 J		35	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Hexachlorobenzene	<72		72	8.3	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Hexachlorobutadiene	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Hexachlorocyclopentadiene	<720		720	210	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Hexachloroethane	<180		180	54	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(3-7)-040214

Lab Sample ID: 500-74352-7

Date Collected: 04/02/14 14:00

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 88.8

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	<35		35	9.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Isophorone	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Naphthalene	30	J	35	5.5	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Nitrobenzene	<35		35	8.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
N-Nitrosodiphenylamine	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Pentachlorophenol	<720		720	570	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Phenanthrene	170		35	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Phenol	<180		180	79	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Pyrene	250		35	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 20:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	65		35 - 137				04/07/14 06:53	04/08/14 20:21	1
2-Fluorobiphenyl	73		25 - 119				04/07/14 06:53	04/08/14 20:21	1
2-Fluorophenol	61		25 - 110				04/07/14 06:53	04/08/14 20:21	1
Nitrobenzene-d5	50		25 - 115				04/07/14 06:53	04/08/14 20:21	1
Phenol-d5	65		31 - 110				04/07/14 06:53	04/08/14 20:21	1
Terphenyl-d14	122		36 - 134				04/07/14 06:53	04/08/14 20:21	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Barium	0.58		0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:47	1
Cadmium	0.0031	J	0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:47	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Cobalt	0.036		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Copper	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:47	1
Lead	0.010		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:47	1
Manganese	4.8		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Nickel	0.049		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:47	1
Zinc	0.55		0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Barium	0.63		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:39	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Copper	0.011	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:39	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:39	1
Manganese	0.29		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-10(3-7)-040214

Lab Sample ID: 500-74352-7

Date Collected: 04/02/14 14:00

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:39	1
Zinc	0.68		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:39	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Arsenic	11		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Barium	14		0.56	0.059	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Beryllium	0.23		0.22	0.044	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Cadmium	0.83		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Calcium	120000		110	30	mg/Kg	☼	04/07/14 15:30	04/09/14 13:33	10
Chromium	6.5		0.56	0.064	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Cobalt	6.1		0.28	0.056	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Copper	24		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Iron	14000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Lead	12	B	0.28	0.083	mg/Kg	☼	04/07/14 15:30	04/09/14 15:41	1
Magnesium	68000		56	11	mg/Kg	☼	04/07/14 15:30	04/09/14 13:33	10
Manganese	340		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Nickel	15		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Potassium	1500		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Selenium	<0.56		0.56	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Silver	0.054	J	0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Sodium	1300		56	7.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Thallium	0.79		0.56	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Vanadium	9.4		0.28	0.041	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1
Zinc	51		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:14	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:16	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	29		17	6.5	ug/Kg	☼	04/07/14 15:19	04/08/14 09:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.70		0.200	0.200	SU			04/06/14 14:52	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(0-3)-040214

Lab Sample ID: 500-74352-8

Date Collected: 04/02/14 14:25

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	23		5.8	2.5	ug/Kg	☼		04/04/14 06:41	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 06:41	1
Bromodichloromethane	<5.8		5.8	0.99	ug/Kg	☼		04/04/14 06:41	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 06:41	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 06:41	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 06:41	1
Carbon tetrachloride	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 06:41	1
Chlorobenzene	<5.8		5.8	0.58	ug/Kg	☼		04/04/14 06:41	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 06:41	1
Chloroform	<5.8		5.8	0.66	ug/Kg	☼		04/04/14 06:41	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 06:41	1
cis-1,2-Dichloroethene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 06:41	1
cis-1,3-Dichloropropene	<5.8		5.8	0.75	ug/Kg	☼		04/04/14 06:41	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 06:41	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		04/04/14 06:41	1
1,2-Dichloroethane	<5.8		5.8	0.85	ug/Kg	☼		04/04/14 06:41	1
1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		04/04/14 06:41	1
1,2-Dichloropropane	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 06:41	1
1,3-Dichloropropene, Total	<5.8		5.8	0.75	ug/Kg	☼		04/04/14 06:41	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 06:41	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 06:41	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 06:41	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		04/04/14 06:41	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 06:41	1
Methyl tert-butyl ether	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 06:41	1
Styrene	<5.8		5.8	0.75	ug/Kg	☼		04/04/14 06:41	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 06:41	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 06:41	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 06:41	1
trans-1,2-Dichloroethene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 06:41	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 06:41	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 06:41	1
1,1,2-Trichloroethane	<5.8		5.8	0.78	ug/Kg	☼		04/04/14 06:41	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 06:41	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 06:41	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		04/04/14 06:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 122		04/04/14 06:41	1
Dibromofluoromethane	116		75 - 120		04/04/14 06:41	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134		04/04/14 06:41	1
Toluene-d8 (Surr)	99		75 - 122		04/04/14 06:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(0-3)-040214

Lab Sample ID: 500-74352-8

Date Collected: 04/02/14 14:25

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	85	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,4-Dinitrophenol	<750		750	660	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Methylnaphthalene	30	J	37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Methylphenol	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
2-Nitrophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Chloroaniline	<750		750	180	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
4-Nitrophenol	<750		750	360	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Acenaphthene	<37		37	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Anthracene	<37		37	6.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Benzo[a]anthracene	13	J	37	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Benzo[a]pyrene	<37		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Benzo[b]fluoranthene	<37		37	8.1	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Carbazole	<190		190	96	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Chrysene	38		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Fluoranthene	19	J	37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Fluorene	11	J	37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Hexachlorobenzene	<75		75	8.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Hexachloroethane	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(0-3)-040214

Lab Sample ID: 500-74352-8

Date Collected: 04/02/14 14:25

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

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	<37		37	9.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Isophorone	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Naphthalene	11	J	37	5.7	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Nitrobenzene	<37		37	9.3	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Pentachlorophenol	<750		750	600	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Phenanthrene	73		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Phenol	<190		190	83	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Pyrene	54		37	7.4	ug/Kg	☼	04/07/14 06:53	04/08/14 20:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	64		35 - 137				04/07/14 06:53	04/08/14 20:44	1
2-Fluorobiphenyl	71		25 - 119				04/07/14 06:53	04/08/14 20:44	1
2-Fluorophenol	64		25 - 110				04/07/14 06:53	04/08/14 20:44	1
Nitrobenzene-d5	58		25 - 115				04/07/14 06:53	04/08/14 20:44	1
Phenol-d5	70		31 - 110				04/07/14 06:53	04/08/14 20:44	1
Terphenyl-d14	113		36 - 134				04/07/14 06:53	04/08/14 20:44	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		04/10/14 09:45	04/11/14 00:54	1
Barium	0.57	B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 00:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 00:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 00:54	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Cobalt	0.031		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Copper	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 00:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 00:54	1
Manganese	5.3		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Nickel	0.033		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 00:54	1
Zinc	0.34	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 00:54	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		04/09/14 09:00	04/09/14 19:43	1
Barium	0.60		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:43	1
Chromium	0.017	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Copper	0.027		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Iron	12		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:43	1
Lead	0.013		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:43	1
Manganese	0.25		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Nickel	0.016	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(0-3)-040214

Lab Sample ID: 500-74352-8

Date Collected: 04/02/14 14:25

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:43	1
Zinc	0.64		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:43	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.46	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Arsenic	8.4		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Barium	36		0.57	0.061	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Beryllium	0.50		0.23	0.045	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Cadmium	0.96		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Calcium	54000		11	3.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Chromium	16		0.57	0.066	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Cobalt	11		0.28	0.057	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Copper	26		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Iron	20000	B	11	4.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Lead	12	B	0.28	0.085	mg/Kg	☼	04/07/14 15:30	04/09/14 15:47	1
Magnesium	29000		5.7	1.2	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Manganese	380		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Nickel	26		0.57	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Potassium	3200		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Selenium	<0.57		0.57	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Silver	0.040	J	0.28	0.021	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Sodium	1100		57	7.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Thallium	0.67		0.57	0.24	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Vanadium	17		0.28	0.042	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1
Zinc	66		1.1	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:21	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	J	0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	23		18	6.9	ug/Kg	☼	04/07/14 15:19	04/08/14 09:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.08		0.200	0.200	SU			04/06/14 14:54	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(3-7)-040214

Lab Sample ID: 500-74352-9

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	37		5.6	2.4	ug/Kg	☼		04/04/14 07:04	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 07:04	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 07:04	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 07:04	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 07:04	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 07:04	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 07:04	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		04/04/14 07:04	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:04	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		04/04/14 07:04	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 07:04	1
cis-1,2-Dichloroethene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 07:04	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 07:04	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		04/04/14 07:04	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		04/04/14 07:04	1
1,2-Dichloroethane	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 07:04	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		04/04/14 07:04	1
1,2-Dichloropropane	<5.6		5.6	0.85	ug/Kg	☼		04/04/14 07:04	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 07:04	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 07:04	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 07:04	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:04	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 07:04	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:04	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 07:04	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		04/04/14 07:04	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 07:04	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		04/04/14 07:04	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		04/04/14 07:04	1
trans-1,2-Dichloroethene	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 07:04	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 07:04	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 07:04	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		04/04/14 07:04	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		04/04/14 07:04	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 07:04	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		04/04/14 07:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 122		04/04/14 07:04	1
Dibromofluoromethane	115		75 - 120		04/04/14 07:04	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134		04/04/14 07:04	1
Toluene-d8 (Surr)	100		75 - 122		04/04/14 07:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(3-7)-040214

Lab Sample ID: 500-74352-9

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	84	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,4-Dinitrophenol	<750		750	650	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Methylnaphthalene	92		37	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Methylphenol	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Chloroaniline	<750		750	170	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Acenaphthene	33 J		37	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Anthracene	150		37	6.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Benzo[a]anthracene	270		37	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Benzo[a]pyrene	160		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Benzo[b]fluoranthene	190		37	8.0	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Benzo[g,h,i]perylene	100		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Benzo[k]fluoranthene	96		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Carbazole	<190		190	95	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Chrysene	320		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Dibenz(a,h)anthracene	47		37	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Dibenzofuran	47 J		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Fluoranthene	550		37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Fluorene	56		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Hexachloroethane	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(3-7)-040214

Lab Sample ID: 500-74352-9

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	74		37	9.6	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Isophorone	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Naphthalene	48		37	5.7	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Pentachlorophenol	<750		750	590	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Phenanthrene	580		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Phenol	<190		190	82	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Pyrene	510		37	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 17:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		35 - 137				04/07/14 06:53	04/08/14 17:18	1
2-Fluorobiphenyl	77		25 - 119				04/07/14 06:53	04/08/14 17:18	1
2-Fluorophenol	73		25 - 110				04/07/14 06:53	04/08/14 17:18	1
Nitrobenzene-d5	57		25 - 115				04/07/14 06:53	04/08/14 17:18	1
Phenol-d5	65		31 - 110				04/07/14 06:53	04/08/14 17:18	1
Terphenyl-d14	116		36 - 134				04/07/14 06:53	04/08/14 17:18	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		04/10/14 09:45	04/11/14 01:15	1
Barium	0.48	J B	0.50	0.050	mg/L		04/10/14 09:45	04/11/14 01:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 01:15	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 01:15	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Cobalt	0.051		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Copper	0.018	J	0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 01:15	1
Lead	0.013		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 01:15	1
Manganese	6.3		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Nickel	0.057		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:15	1
Zinc	0.30	B	0.10	0.020	mg/L		04/10/14 09:45	04/11/14 01:15	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		04/09/14 09:00	04/09/14 19:47	1
Barium	0.64		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:47	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Copper	0.011	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:47	1
Manganese	0.24		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-3(3-7)-040214

Lab Sample ID: 500-74352-9

Date Collected: 04/02/14 14:30

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:47	1
Zinc	0.66		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:47	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Arsenic	6.8		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Barium	48		0.55	0.059	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Beryllium	0.49		0.22	0.044	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Cadmium	0.80		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Calcium	51000		11	3.0	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Chromium	15		0.55	0.064	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Cobalt	9.6		0.28	0.055	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Copper	22		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Iron	19000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Lead	11	B	0.28	0.082	mg/Kg	☼	04/07/14 15:30	04/09/14 15:53	1
Magnesium	25000		5.5	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Manganese	460		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Nickel	23		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Potassium	2600		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Selenium	<0.55		0.55	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Silver	0.054	J	0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Sodium	1100		55	7.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Thallium	0.89		0.55	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Vanadium	18		0.28	0.041	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1
Zinc	47		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:27	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	40		18	7.1	ug/Kg	☼	04/07/14 15:19	04/08/14 09:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.00		0.200	0.200	SU			04/06/14 14:56	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(0-3)-040214

Lab Sample ID: 500-74352-10

Date Collected: 04/02/14 14:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		5.8	2.5	ug/Kg	☼		04/04/14 07:27	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 07:27	1
Bromodichloromethane	<5.8		5.8	0.99	ug/Kg	☼		04/04/14 07:27	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		04/04/14 07:27	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 07:27	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 07:27	1
Carbon tetrachloride	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 07:27	1
Chlorobenzene	<5.8		5.8	0.58	ug/Kg	☼		04/04/14 07:27	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 07:27	1
Chloroform	<5.8		5.8	0.66	ug/Kg	☼		04/04/14 07:27	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 07:27	1
cis-1,2-Dichloroethene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 07:27	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 07:27	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 07:27	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		04/04/14 07:27	1
1,2-Dichloroethane	<5.8		5.8	0.85	ug/Kg	☼		04/04/14 07:27	1
1,1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		04/04/14 07:27	1
1,2-Dichloropropane	<5.8		5.8	0.87	ug/Kg	☼		04/04/14 07:27	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 07:27	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 07:27	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		04/04/14 07:27	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		04/04/14 07:27	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		04/04/14 07:27	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		04/04/14 07:27	1
Methyl tert-butyl ether	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 07:27	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		04/04/14 07:27	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 07:27	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		04/04/14 07:27	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		04/04/14 07:27	1
trans-1,2-Dichloroethene	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 07:27	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		04/04/14 07:27	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		04/04/14 07:27	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		04/04/14 07:27	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		04/04/14 07:27	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		04/04/14 07:27	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		04/04/14 07:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 122		04/04/14 07:27	1
Dibromofluoromethane	119		75 - 120		04/04/14 07:27	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134		04/04/14 07:27	1
Toluene-d8 (Surr)	103		75 - 122		04/04/14 07:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(0-3)-040214

Lab Sample ID: 500-74352-10

Date Collected: 04/02/14 14:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	85	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Methylnaphthalene	78		37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Methylphenol	<190		190	60	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
2-Nitrophenol	<370		370	88	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Acenaphthene	11 J		37	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Anthracene	<37		37	6.3	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Benzo[a]anthracene	23 J		37	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Benzo[a]pyrene	42		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Benzo[b]fluoranthene	42		37	8.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Benzo[g,h,i]perylene	39		37	12	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Benzo[k]fluoranthene	20 J		37	11	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Carbazole	<190		190	97	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Chrysene	44		37	10	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Dibenzofuran	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Fluoranthene	37		37	6.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Fluorene	28 J		37	5.3	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Hexachloroethane	<190		190	57	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(0-3)-040214

Lab Sample ID: 500-74352-10

Date Collected: 04/02/14 14:49

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 86.9

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	28	J	37	9.7	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Isophorone	<190		190	42	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Naphthalene	24	J	37	5.8	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Nitrobenzene	<37		37	9.3	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Phenanthrene	84		37	5.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Phenol	<190		190	83	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Pyrene	96		37	7.4	ug/Kg	☼	04/07/14 06:53	04/08/14 17:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	78		35 - 137				04/07/14 06:53	04/08/14 17:37	1
2-Fluorobiphenyl	57		25 - 119				04/07/14 06:53	04/08/14 17:37	1
2-Fluorophenol	55		25 - 110				04/07/14 06:53	04/08/14 17:37	1
Nitrobenzene-d5	49		25 - 115				04/07/14 06:53	04/08/14 17:37	1
Phenol-d5	56		31 - 110				04/07/14 06:53	04/08/14 17:37	1
Terphenyl-d14	107		36 - 134				04/07/14 06:53	04/08/14 17:37	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		04/10/14 09:45	04/11/14 01:21	1
Barium	0.62		0.50	0.050	mg/L		04/10/14 09:45	04/11/14 01:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 01:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 01:21	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Cobalt	0.019	J	0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Copper	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 01:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 01:21	1
Manganese	2.8		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Nickel	0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:21	1
Zinc	0.53		0.10	0.020	mg/L		04/10/14 09:45	04/11/14 01:21	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		04/09/14 09:00	04/09/14 19:51	1
Barium	0.52		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:51	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Copper	0.014	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:51	1
Manganese	0.073		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(0-3)-040214

Lab Sample ID: 500-74352-10

Date Collected: 04/02/14 14:49

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	0.15		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:51	1
Zinc	0.50		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:51	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Arsenic	6.8		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Barium	60		0.55	0.059	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Beryllium	0.58		0.22	0.044	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Cadmium	0.88		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Calcium	49000		11	3.0	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Chromium	19		0.55	0.064	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Cobalt	12		0.28	0.055	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Copper	23		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Iron	20000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Lead	11	B	0.28	0.083	mg/Kg	☼	04/07/14 15:30	04/09/14 16:00	1
Magnesium	22000		5.5	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Manganese	340		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Nickel	28		0.55	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Potassium	3400		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Selenium	<0.55		0.55	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Silver	0.049	J	0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Sodium	1300		55	7.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Thallium	0.75		0.55	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Vanadium	21		0.28	0.041	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1
Zinc	50		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	20		17	6.6	ug/Kg	☼	04/07/14 15:19	04/08/14 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.98		0.200	0.200	SU			04/06/14 14:59	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(3-7)-040214

Lab Sample ID: 500-74352-11

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	21		5.6	2.4	ug/Kg	☼		04/04/14 07:49	1
Benzene	<5.6		5.6	0.76	ug/Kg	☼		04/04/14 07:49	1
Bromodichloromethane	<5.6		5.6	0.96	ug/Kg	☼		04/04/14 07:49	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		04/04/14 07:49	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		04/04/14 07:49	1
Carbon disulfide	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 07:49	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		04/04/14 07:49	1
Chlorobenzene	<5.6		5.6	0.56	ug/Kg	☼		04/04/14 07:49	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:49	1
Chloroform	<5.6		5.6	0.64	ug/Kg	☼		04/04/14 07:49	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 07:49	1
cis-1,2-Dichloroethene	<5.6		5.6	0.78	ug/Kg	☼		04/04/14 07:49	1
cis-1,3-Dichloropropene	<5.6		5.6	0.73	ug/Kg	☼		04/04/14 07:49	1
Dibromochloromethane	<5.6		5.6	0.97	ug/Kg	☼		04/04/14 07:49	1
1,1-Dichloroethane	<5.6		5.6	0.88	ug/Kg	☼		04/04/14 07:49	1
1,2-Dichloroethane	<5.6		5.6	0.82	ug/Kg	☼		04/04/14 07:49	1
1,1,1-Dichloroethene	<5.6		5.6	0.90	ug/Kg	☼		04/04/14 07:49	1
1,2-Dichloropropane	<5.6		5.6	0.84	ug/Kg	☼		04/04/14 07:49	1
1,3-Dichloropropene, Total	<5.6		5.6	0.73	ug/Kg	☼		04/04/14 07:49	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 07:49	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		04/04/14 07:49	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:49	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		04/04/14 07:49	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		04/04/14 07:49	1
Methyl tert-butyl ether	<5.6		5.6	0.92	ug/Kg	☼		04/04/14 07:49	1
Styrene	<5.6		5.6	0.73	ug/Kg	☼		04/04/14 07:49	1
1,1,1,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		04/04/14 07:49	1
Tetrachloroethene	<5.6		5.6	0.85	ug/Kg	☼		04/04/14 07:49	1
Toluene	<5.6		5.6	0.78	ug/Kg	☼		04/04/14 07:49	1
trans-1,2-Dichloroethene	<5.6		5.6	0.76	ug/Kg	☼		04/04/14 07:49	1
trans-1,3-Dichloropropene	<5.6		5.6	0.99	ug/Kg	☼		04/04/14 07:49	1
1,1,1-Trichloroethane	<5.6		5.6	0.83	ug/Kg	☼		04/04/14 07:49	1
1,1,2-Trichloroethane	<5.6		5.6	0.76	ug/Kg	☼		04/04/14 07:49	1
Trichloroethene	<5.6		5.6	0.92	ug/Kg	☼		04/04/14 07:49	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		04/04/14 07:49	1
Xylenes, Total	<11		11	0.50	ug/Kg	☼		04/04/14 07:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 122		04/04/14 07:49	1
Dibromofluoromethane	116		75 - 120		04/04/14 07:49	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134		04/04/14 07:49	1
Toluene-d8 (Surr)	97		75 - 122		04/04/14 07:49	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	☼	04/07/14 06:53	04/08/14 17:56	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(3-7)-040214

Lab Sample ID: 500-74352-11

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<360		360	83	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,4,6-Trichlorophenol	<360		360	130	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,4-Dichlorophenol	<360		360	87	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,4-Dinitrophenol	<740		740	640	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Methylnaphthalene	68		36	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Methylphenol	<180		180	59	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
2-Nitrophenol	<360		360	86	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Acenaphthene	12 J		36	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Acenaphthylene	<36		36	4.8	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Anthracene	15 J		36	6.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Benzo[a]anthracene	33 J		36	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Benzo[a]pyrene	49		36	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Benzo[b]fluoranthene	51		36	7.9	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Benzo[g,h,i]perylene	54		36	12	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Benzo[k]fluoranthene	28 J		36	11	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Butyl benzyl phthalate	<180		180	69	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Carbazole	<180		180	94	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Chrysene	68		36	10	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Dibenz(a,h)anthracene	<36		36	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Dibenzofuran	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Fluoranthene	77		36	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Fluorene	15 J		36	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Hexachloroethane	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(3-7)-040214

Lab Sample ID: 500-74352-11

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 90.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	34	J	36	9.5	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Isophorone	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Naphthalene	27	J	36	5.6	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Nitrobenzene	<36		36	9.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Phenanthrene	150		36	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Phenol	<180		180	81	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Pyrene	100		36	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 17:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		35 - 137				04/07/14 06:53	04/08/14 17:56	1
2-Fluorobiphenyl	73		25 - 119				04/07/14 06:53	04/08/14 17:56	1
2-Fluorophenol	65		25 - 110				04/07/14 06:53	04/08/14 17:56	1
Nitrobenzene-d5	60		25 - 115				04/07/14 06:53	04/08/14 17:56	1
Phenol-d5	61		31 - 110				04/07/14 06:53	04/08/14 17:56	1
Terphenyl-d14	119		36 - 134				04/07/14 06:53	04/08/14 17:56	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		04/10/14 09:45	04/11/14 01:27	1
Barium	0.59		0.50	0.050	mg/L		04/10/14 09:45	04/11/14 01:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 01:27	1
Cadmium	0.0029	J	0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 01:27	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Cobalt	0.036		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Copper	0.015	J	0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 01:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 01:27	1
Manganese	3.8		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Nickel	0.044		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:27	1
Zinc	0.50		0.10	0.020	mg/L		04/10/14 09:45	04/11/14 01:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Barium	0.62		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:55	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Copper	0.014	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Iron	<0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:55	1
Manganese	0.19		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-4(3-7)-040214

Lab Sample ID: 500-74352-11

Date Collected: 04/02/14 14:55

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:55	1
Zinc	0.63		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:55	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.43	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Arsenic	13		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Barium	26		0.54	0.058	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Beryllium	0.35		0.22	0.043	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Cadmium	1.0		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Calcium	75000		110	29	mg/Kg	☼	04/07/14 15:30	04/09/14 13:39	10
Chromium	11		0.54	0.063	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Cobalt	11		0.27	0.054	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Copper	40		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Iron	18000	B	11	4.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Lead	16	B	0.27	0.080	mg/Kg	☼	04/07/14 15:30	04/09/14 16:06	1
Magnesium	36000		5.4	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Manganese	420		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Nickel	24		0.54	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Potassium	2100		27	1.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Selenium	<0.54		0.54	0.19	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Silver	0.078	J	0.27	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Sodium	640		54	7.2	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Thallium	1.4		0.54	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Vanadium	13		0.27	0.040	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1
Zinc	52		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 11:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:23	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	34		17	6.6	ug/Kg	☼	04/07/14 15:19	04/08/14 10:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.88		0.200	0.200	SU			04/06/14 15:01	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(0-3)-040214

Lab Sample ID: 500-74352-12

Date Collected: 04/02/14 15:10

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 91.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	31		5.5	2.4	ug/Kg	☼		04/04/14 08:12	1
Benzene	<5.5		5.5	0.75	ug/Kg	☼		04/04/14 08:12	1
Bromodichloromethane	<5.5		5.5	0.94	ug/Kg	☼		04/04/14 08:12	1
Bromoform	<5.5		5.5	1.3	ug/Kg	☼		04/04/14 08:12	1
Bromomethane	<5.5		5.5	1.7	ug/Kg	☼		04/04/14 08:12	1
Carbon disulfide	<5.5		5.5	0.82	ug/Kg	☼		04/04/14 08:12	1
Carbon tetrachloride	<5.5		5.5	1.0	ug/Kg	☼		04/04/14 08:12	1
Chlorobenzene	<5.5		5.5	0.56	ug/Kg	☼		04/04/14 08:12	1
Chloroethane	<5.5		5.5	1.5	ug/Kg	☼		04/04/14 08:12	1
Chloroform	<5.5		5.5	0.63	ug/Kg	☼		04/04/14 08:12	1
Chloromethane	<5.5		5.5	1.2	ug/Kg	☼		04/04/14 08:12	1
cis-1,2-Dichloroethene	<5.5		5.5	0.78	ug/Kg	☼		04/04/14 08:12	1
cis-1,3-Dichloropropene	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 08:12	1
Dibromochloromethane	<5.5		5.5	0.95	ug/Kg	☼		04/04/14 08:12	1
1,1-Dichloroethane	<5.5		5.5	0.87	ug/Kg	☼		04/04/14 08:12	1
1,2-Dichloroethane	<5.5		5.5	0.81	ug/Kg	☼		04/04/14 08:12	1
1,1,1-Dichloroethene	<5.5		5.5	0.89	ug/Kg	☼		04/04/14 08:12	1
1,2-Dichloropropane	<5.5		5.5	0.83	ug/Kg	☼		04/04/14 08:12	1
1,3-Dichloropropene, Total	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 08:12	1
Ethylbenzene	<5.5		5.5	1.1	ug/Kg	☼		04/04/14 08:12	1
2-Hexanone	<5.5		5.5	1.6	ug/Kg	☼		04/04/14 08:12	1
Methylene Chloride	<5.5		5.5	1.5	ug/Kg	☼		04/04/14 08:12	1
Methyl Ethyl Ketone	<5.5		5.5	2.0	ug/Kg	☼		04/04/14 08:12	1
methyl isobutyl ketone	<5.5		5.5	1.4	ug/Kg	☼		04/04/14 08:12	1
Methyl tert-butyl ether	<5.5		5.5	0.91	ug/Kg	☼		04/04/14 08:12	1
Styrene	<5.5		5.5	0.72	ug/Kg	☼		04/04/14 08:12	1
1,1,2,2-Tetrachloroethane	<5.5		5.5	1.1	ug/Kg	☼		04/04/14 08:12	1
Tetrachloroethene	<5.5		5.5	0.84	ug/Kg	☼		04/04/14 08:12	1
Toluene	<5.5		5.5	0.77	ug/Kg	☼		04/04/14 08:12	1
trans-1,2-Dichloroethene	<5.5		5.5	0.75	ug/Kg	☼		04/04/14 08:12	1
trans-1,3-Dichloropropene	<5.5		5.5	0.98	ug/Kg	☼		04/04/14 08:12	1
1,1,1-Trichloroethane	<5.5		5.5	0.82	ug/Kg	☼		04/04/14 08:12	1
1,1,2-Trichloroethane	<5.5		5.5	0.75	ug/Kg	☼		04/04/14 08:12	1
Trichloroethene	<5.5		5.5	0.91	ug/Kg	☼		04/04/14 08:12	1
Vinyl chloride	<5.5		5.5	1.2	ug/Kg	☼		04/04/14 08:12	1
Xylenes, Total	<11		11	0.50	ug/Kg	☼		04/04/14 08:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 122		04/04/14 08:12	1
Dibromofluoromethane	116		75 - 120		04/04/14 08:12	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134		04/04/14 08:12	1
Toluene-d8 (Surr)	96		75 - 122		04/04/14 08:12	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	☼	04/07/14 06:53	04/08/14 18:16	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(0-3)-040214

Lab Sample ID: 500-74352-12

Date Collected: 04/02/14 15:10

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 91.2

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	☼	04/07/14 06:53	04/08/14 18:16	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,4-Dichlorophenol	<360		360	86	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,4-Dinitrophenol	<730		730	630	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2,6-Dinitrotoluene	<180		180	71	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Methylnaphthalene	18	J	36	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Methylphenol	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
2-Nitrophenol	<360		360	85	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
3 & 4 Methylphenol	<180		180	60	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Chloroaniline	<730		730	170	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
4-Nitrophenol	<730		730	340	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Acenaphthene	9.4	J	36	6.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Acenaphthylene	<36		36	4.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Anthracene	14	J	36	6.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Benzo[a]anthracene	18	J	36	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Benzo[a]pyrene	<36		36	7.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Benzo[b]fluoranthene	<36		36	7.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Benzo[g,h,i]perylene	45		36	12	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Benzo[k]fluoranthene	<36		36	11	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Butyl benzyl phthalate	<180		180	69	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Carbazole	<180		180	93	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Chrysene	48		36	9.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Dibenz(a,h)anthracene	<36		36	7.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Dibenzofuran	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Diethyl phthalate	<180		180	61	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Di-n-octyl phthalate	<180		180	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Fluoranthene	48		36	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Fluorene	10	J	36	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Hexachlorobenzene	<73		73	8.4	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Hexachlorocyclopentadiene	<730		730	210	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Hexachloroethane	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(0-3)-040214

Lab Sample ID: 500-74352-12

Date Collected: 04/02/14 15:10

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 91.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	25	J	36	9.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Isophorone	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Naphthalene	7.6	J	36	5.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Nitrobenzene	<36		36	9.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Pentachlorophenol	<730		730	580	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Phenanthrene	83		36	5.0	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Phenol	<180		180	80	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Pyrene	84		36	7.2	ug/Kg	☼	04/07/14 06:53	04/08/14 18:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	83		35 - 137				04/07/14 06:53	04/08/14 18:16	1
2-Fluorobiphenyl	72		25 - 119				04/07/14 06:53	04/08/14 18:16	1
2-Fluorophenol	66		25 - 110				04/07/14 06:53	04/08/14 18:16	1
Nitrobenzene-d5	56		25 - 115				04/07/14 06:53	04/08/14 18:16	1
Phenol-d5	58		31 - 110				04/07/14 06:53	04/08/14 18:16	1
Terphenyl-d14	112		36 - 134				04/07/14 06:53	04/08/14 18:16	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		04/10/14 09:45	04/11/14 01:33	1
Barium	0.67		0.50	0.050	mg/L		04/10/14 09:45	04/11/14 01:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 01:33	1
Cadmium	0.0051		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 01:33	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Cobalt	0.042		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Copper	0.012	J	0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Iron	0.35		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 01:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 01:33	1
Manganese	3.1		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Nickel	0.059		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:33	1
Zinc	0.55		0.10	0.020	mg/L		04/10/14 09:45	04/11/14 01:33	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		04/09/14 09:00	04/09/14 19:59	1
Barium	0.56		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 19:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 19:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 19:59	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Copper	0.014	J	0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Iron	0.20		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 19:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 19:59	1
Manganese	0.061		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(0-3)-040214

Lab Sample ID: 500-74352-12

Date Collected: 04/02/14 15:10

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 19:59	1
Zinc	0.56		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 19:59	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.43	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Arsenic	8.3		0.53	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Barium	38		0.53	0.057	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Beryllium	0.47		0.21	0.043	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Cadmium	1.0		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Calcium	49000		11	2.9	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Chromium	16		0.53	0.062	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Cobalt	11		0.27	0.053	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Copper	32		0.53	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Iron	18000	B	11	4.4	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Lead	15	B	0.27	0.080	mg/Kg	☼	04/07/14 15:30	04/09/14 16:12	1
Magnesium	28000		5.3	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Manganese	370		0.53	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Nickel	27		0.53	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Potassium	2900		27	1.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Selenium	<0.53		0.53	0.19	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Silver	0.13	J	0.27	0.019	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Sodium	1200		53	7.2	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Thallium	1.1		0.53	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Vanadium	16		0.27	0.039	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1
Zinc	44		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:46	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	25		18	7.2	ug/Kg	☼	04/07/14 15:19	04/08/14 10:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.05		0.200	0.200	SU			04/06/14 15:03	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(3-7)-040214

Lab Sample ID: 500-74352-13

Date Collected: 04/02/14 15:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	38		5.7	2.5	ug/Kg	☼		04/04/14 08:35	1
Benzene	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 08:35	1
Bromodichloromethane	<5.7		5.7	0.99	ug/Kg	☼		04/04/14 08:35	1
Bromoform	<5.7		5.7	1.3	ug/Kg	☼		04/04/14 08:35	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	☼		04/04/14 08:35	1
Carbon disulfide	<5.7		5.7	0.86	ug/Kg	☼		04/04/14 08:35	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 08:35	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	☼		04/04/14 08:35	1
Chloroethane	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 08:35	1
Chloroform	<5.7		5.7	0.66	ug/Kg	☼		04/04/14 08:35	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 08:35	1
cis-1,2-Dichloroethene	<5.7		5.7	0.81	ug/Kg	☼		04/04/14 08:35	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 08:35	1
Dibromochloromethane	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 08:35	1
1,1-Dichloroethane	<5.7		5.7	0.91	ug/Kg	☼		04/04/14 08:35	1
1,2-Dichloroethane	<5.7		5.7	0.85	ug/Kg	☼		04/04/14 08:35	1
1,1,1-Dichloroethene	<5.7		5.7	0.93	ug/Kg	☼		04/04/14 08:35	1
1,2-Dichloropropane	<5.7		5.7	0.87	ug/Kg	☼		04/04/14 08:35	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 08:35	1
Ethylbenzene	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 08:35	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	☼		04/04/14 08:35	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 08:35	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	☼		04/04/14 08:35	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	☼		04/04/14 08:35	1
Methyl tert-butyl ether	<5.7		5.7	0.95	ug/Kg	☼		04/04/14 08:35	1
Styrene	<5.7		5.7	0.75	ug/Kg	☼		04/04/14 08:35	1
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 08:35	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	☼		04/04/14 08:35	1
Toluene	<5.7		5.7	0.80	ug/Kg	☼		04/04/14 08:35	1
trans-1,2-Dichloroethene	<5.7		5.7	0.79	ug/Kg	☼		04/04/14 08:35	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	☼		04/04/14 08:35	1
1,1,1-Trichloroethane	<5.7		5.7	0.86	ug/Kg	☼		04/04/14 08:35	1
1,1,2-Trichloroethane	<5.7		5.7	0.78	ug/Kg	☼		04/04/14 08:35	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	☼		04/04/14 08:35	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	☼		04/04/14 08:35	1
Xylenes, Total	<11		11	0.52	ug/Kg	☼		04/04/14 08:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 122		04/04/14 08:35	1
Dibromofluoromethane	112		75 - 120		04/04/14 08:35	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134		04/04/14 08:35	1
Toluene-d8 (Surr)	100		75 - 122		04/04/14 08:35	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	☼	04/07/14 06:53	04/08/14 18:35	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(3-7)-040214

Lab Sample ID: 500-74352-13

Date Collected: 04/02/14 15:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<360		360	83	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,4,6-Trichlorophenol	<360		360	130	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,4-Dichlorophenol	<360		360	87	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,4-Dinitrophenol	<740		740	640	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Methylnaphthalene	59		36	6.7	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Methylphenol	<180		180	59	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
2-Nitrophenol	<360		360	86	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Acenaphthene	58		36	6.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Acenaphthylene	11 J		36	4.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Anthracene	97		36	6.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Benzo[a]anthracene	140		36	4.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Benzo[a]pyrene	100		36	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Benzo[b]fluoranthene	120		36	7.9	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Benzo[g,h,i]perylene	100		36	12	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Benzo[k]fluoranthene	46		36	11	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Butyl benzyl phthalate	<180		180	70	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Carbazole	<180		180	94	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Chrysene	220		36	10	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Dibenz(a,h)anthracene	36		36	7.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Dibenzofuran	64 J		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Fluoranthene	410		36	6.8	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Fluorene	40		36	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Hexachlorobutadiene	<180		180	57	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Hexachloroethane	<180		180	56	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(3-7)-040214

Lab Sample ID: 500-74352-13

Date Collected: 04/02/14 15:15

Matrix: Solid

Date Received: 04/03/14 06:30

Percent Solids: 87.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	58		36	9.5	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Isophorone	<180		180	41	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Naphthalene	32 J		36	5.6	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Nitrobenzene	<36		36	9.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Phenanthrene	270		36	5.1	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Phenol	<180		180	81	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Pyrene	550		36	7.3	ug/Kg	☼	04/07/14 06:53	04/08/14 18:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol	88		35 - 137				04/07/14 06:53	04/08/14 18:35	1
2-Fluorobiphenyl	70		25 - 119				04/07/14 06:53	04/08/14 18:35	1
2-Fluorophenol	64		25 - 110				04/07/14 06:53	04/08/14 18:35	1
Nitrobenzene-d5	59		25 - 115				04/07/14 06:53	04/08/14 18:35	1
Phenol-d5	60		31 - 110				04/07/14 06:53	04/08/14 18:35	1
Terphenyl-d14	106		36 - 134				04/07/14 06:53	04/08/14 18:35	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		04/10/14 09:45	04/11/14 01:40	1
Barium	0.61		0.50	0.050	mg/L		04/10/14 09:45	04/11/14 01:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/10/14 09:45	04/11/14 01:40	1
Cadmium	0.021		0.0050	0.0020	mg/L		04/10/14 09:45	04/11/14 01:40	1
Chromium	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Cobalt	0.044		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Copper	0.018 J		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Iron	<0.20		0.20	0.20	mg/L		04/10/14 09:45	04/11/14 01:40	1
Lead	0.010		0.0075	0.0075	mg/L		04/10/14 09:45	04/11/14 01:40	1
Manganese	3.6		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Nickel	0.066		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Selenium	<0.050		0.050	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Silver	<0.025		0.025	0.010	mg/L		04/10/14 09:45	04/11/14 01:40	1
Zinc	0.78		0.10	0.020	mg/L		04/10/14 09:45	04/11/14 01:40	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		04/09/14 09:00	04/09/14 20:03	1
Barium	0.61		0.50	0.050	mg/L		04/09/14 09:00	04/09/14 20:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/09/14 09:00	04/09/14 20:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/09/14 09:00	04/09/14 20:03	1
Chromium	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Cobalt	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Copper	0.013 J		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Iron	0.24		0.20	0.20	mg/L		04/09/14 09:00	04/09/14 20:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		04/09/14 09:00	04/09/14 20:03	1
Manganese	0.20		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Nickel	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Selenium	<0.050		0.050	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1

TestAmerica Chicago

Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Client Sample ID: IN-9(3-7)-040214

Lab Sample ID: 500-74352-13

Date Collected: 04/02/14 15:15

Matrix: Solid

Date Received: 04/03/14 06:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		04/09/14 09:00	04/09/14 20:03	1
Zinc	0.65		0.10	0.020	mg/L		04/09/14 09:00	04/09/14 20:03	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.45	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Arsenic	10		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Barium	46		0.56	0.060	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Beryllium	0.43		0.22	0.045	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Cadmium	2.0		0.11	0.014	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Calcium	71000		110	30	mg/Kg	☼	04/07/14 15:30	04/09/14 14:10	10
Chromium	22		0.56	0.065	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Cobalt	9.5		0.28	0.056	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Copper	36		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Iron	19000	B	11	4.6	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Lead	19	B	0.28	0.083	mg/Kg	☼	04/07/14 15:30	04/09/14 16:33	1
Magnesium	34000		5.6	1.1	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Manganese	400		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Nickel	26		0.56	0.11	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Potassium	2700		28	1.7	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Selenium	<0.56		0.56	0.20	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Silver	0.38		0.28	0.020	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Sodium	1400		56	7.5	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Thallium	0.77		0.56	0.23	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Vanadium	16		0.28	0.041	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1
Zinc	75		1.1	0.22	mg/Kg	☼	04/07/14 15:30	04/08/14 19:53	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.10	ug/L		04/10/14 13:50	04/11/14 11:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.020	ug/L		04/09/14 12:50	04/10/14 10:27	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	110		17	6.7	ug/Kg	☼	04/07/14 15:19	04/08/14 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.74		0.200	0.200	SU			04/06/14 15:05	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits

GC/MS Semi VOA

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

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
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 - Lyons, McCook, Summit - 051

TestAmerica Job ID: 500-74352-1

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 6
Phone: 708.534.5200 Fax: 708.53



500-74352 COC

Report To (optional)
Contact: S. Babus Kumar
Company: Weston Solutions Inc.
Address: 750 E. Bunker Ct Ste 500
Address: Vernon Hills, IL 60061
Phone: 847-918-4018
Fax: 847-918-4055
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-74352
Chain of Custody Number:
Page 1 of 2
Temperature °C of Cooler: 3.9

Client		Client Project #		Preservative							Preservative Key 1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Parameter								
Project Location/State		Lab PM										
Sampler												
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix	NOCS	SVOCs	TOTAL METALS	TCUP/SPLP METALS	PH	Comments
1		IN-8(0-6)-040214	4-2-14	0830	2	S	X	X	X	X	X	
2		IN-8(0-6)-040214D	4-2-14	0830	2	S	X	X	X	X	X	
3		IN-11(0-6)-040214	4-2-14	0849	2	S	X	X	X	X	X	
4		IN-2(0-6)-040214	4-2-14	1000	2	S	X	X	X	X	X	
5		IN-5(0-6)-040214	4-2-14	1015	2	S	X	X	X	X	X	
6		IN-10(0-3)-040214	4-2-14	1355	2	S	X	X	X	X	X	
7		IN-10(3-7)-040214	4-2-14	1400	2	S	X	X	X	X	X	
8		IN-3(0-3)-040214	4-2-14	1425	2	S	X	X	X	X	X	
9		IN-3(3-7)-040214	4-2-14	1430	2	S	X	X	X	X	X	
10		IN-4(0-3)-040214	4-2-14	1449	2	S	X	X	X	X	X	

Turnaround Time Required (Business Days)

Requested Due Date: 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>[Signature]</u> Company: <u>Weston</u> Date: <u>4-2-14</u> Time: <u>1529</u>	Received By: <u>[Signature]</u> Company: <u>TA</u> Date: <u>4/2/14</u> Time: <u>1529</u>
Relinquished By: <u>[Signature]</u> Company: <u>TA</u> Date: <u>4/2/14</u> Time: <u>1625</u>	Received By: <u>[Signature]</u> Company: <u>TA-CHE</u> Date: <u>4/3/14</u> Time: <u>0630</u>
Relinquished By: _____ Company: _____ Date: _____ Time: _____	Received By: _____ Company: _____ Date: _____ Time: _____

Lab Courier: TA
Shipped: _____
Hand Delivered: _____

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

Client Comments:

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Report To (optional)
 Contact: S. Babusivumar
 Company: Weston Solutions Inc.
 Address: 750 E Bunker St Ste. 500
 Address: Vernon Hills, IL 60061
 Phone: 847-918-4018
 Fax: 847-918-4055
 E-Mail:

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

Chain of Custody Record

Lab Job #: 500-74352
 Chain of Custody Number:
 Page 2 of 2
 Temperature °C of Cooler: 3.9

Client		Client Project #		Preservative		Parameter		NOCS		SVOCS		TOTAL METALS		TCLP/SPLP METALS		PH		Preservative Key	
Weston Solutions Inc.																		1. HCL, Cool to 4° 2. H2SO4, Cool to 4° 3. HNO3, Cool to 4° 4. NaOH, Cool to 4° 5. NaOH/Zn, Cool to 4° 6. NaHSO4 7. Cool to 4° 8. None 9. Other	
Project Name		Lab Project #		Sampling		# of Containers		Matrix										Comments	
IDOT 051 - IL 171 from 47th to 55th St				Date Time		Matrix													
Project Location/State		Lab Project #		Date		Time		# of Containers		Matrix									
McCook/Sammit IL				4-2-14		1455		2 S											
Sampler		Lab PM		Date		Time		# of Containers		Matrix									
M. Doherty-Kubic		D. Wright		4-2-14		1510		2 S											
Lab ID	MS/MSD	Sample ID	Date	Time	# of Containers	Matrix													
11		IN-4(3-7)-040214	4-2-14	1455	2	S	X	X	X	X	X	X	X	X	X	X	X	X	
12		IN-9(0-3)-040214	4-2-14	1510	2	S	X	X	X	X	X	X	X	X	X	X	X	X	
13		IN-9(3-7)-040214	4-2-14	1515	2	S	X	X	X	X	X	X	X	X	X	X	X	X	

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days 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>Angela Kelly</u>	Company <u>Weston</u>	Date <u>4-2-14</u>	Time <u>1525</u>	Received By <u>[Signature]</u>	Company <u>TA</u>	Date <u>4/2/14</u>	Time <u>1529</u>
Relinquished By <u>[Signature]</u>	Company <u>TA</u>	Date <u>4/3/14</u>	Time <u>1625</u>	Received By <u>[Signature]</u>	Company <u>TA-CHI</u>	Date <u>4/3/14</u>	Time <u>0630</u>
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier	<u>TA</u>
Shipped	
Hand Delivered	

Matrix Key

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

Client Comments:

Lab Comments: