Illinois Environmental Protection Agency

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

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

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

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

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

I. Source Location Information

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

Project Name: FAU 3509: Sheridan Rd from Tower to Scott Office Phone Number, if available: _____

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

932 - 1135 Sheridan Road

City: Winnetka State: IL Zip Code: 60093

County: Cook Township: _____

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

Latitude: 42.121295302 (Decimal Degrees) Longitude: -87.738518829 (-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	City:	Schaumburg
State:	IL	State:	IL
Zip Code:	60196-1096	Zip Code:	60196-1096
Phone:	847-705-4101	Phone:	847-705-4101
Contact:	Sam Mead	Contact:	Sam Mead
Email, if available:	Sam.Mead@illinois.gov	Email, if available:	Sam.Mead@illinois.gov

Project Name: FAU 3509: Sheridan Rd from Tower to Scott

Latitude: 42.121295302 Longitude: -87.738518829

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 RV-1, RV-2, RV-3, RV-7, RV-10, RV-11, RV-12, RV-14, RV-15, RV-24, RV-25, AND RV-27 WERE SAMPLED ADJACENT TO ISGS SITE No. 2631-2. SEE FIGURES 3-1 AND 3-2 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TEST AMERICA ANALYTICAL REPORT - JOB IDs: 500-92398-1, 500-92501-1, 500-92502-1, AND 500-92527-1.

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

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

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

Company Name: Weston Solutions, Inc.

Street Address: 300 Circle Plaza; Suite 202

City: Mundelein State: IL Zip Code: 60060-2342

Phone: (224) 864-7267

William F. Karlovitz, P.E.
Printed Name:

Licensed Professional Engineer or Licensed Professional Geologist Signature:

APRIL 1, 2015
Date:

Licensed Professional Engineer of Illinois
WILLIAM F. KARLOVITZ
No. 062-052500

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

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-1(0-5)-021815	RV-1(5-10)-021815	RV-2(0-5)-022315	RV-2(5-10)-022315	RV-2(0-5)-022315D	Soil Reference Concentrations[A]
Sample Date	2/18/2015	2/18/2015	2/23/2015	2/23/2015	2/23/2015	
Location ID	RV-1	RV-1	RV-2	RV-2	RV-2	
Depth	0 - 5	5 - 10	0 - 5	5 - 10	5 - 10	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
Laboratory pH (s.u.)	8.8	8.27	8.55	7.97	8.78	
VOCs (ug/kg)						
Acetone	ND	ND	ND	ND	ND	25000
SVOCs (ug/kg)						
2-Methylnaphthalene	ND	ND	12 J	12 J	13 J	
Acenaphthene	ND	ND	12 J	ND	18 J	570000
Acenaphthylene	ND	ND	18 J	ND	19 J	
Anthracene	ND	ND	62 J	20 J	110 J	1.20E+07
Benzo(a)anthracene	ND	ND	170 J	46	290 J	900
Benzo(a)pyrene	ND	ND	230	49	320	90
Benzo(b)fluoranthene	ND	ND	280 J	69	490 J	900
Benzo(g,h,i)perylene	ND	ND	160	30 J	160	
Benzo(k)fluoranthene	ND	ND	110	28 J	110	9000
Carbazole	ND	ND	ND	ND	ND	600
Chrysene	ND	ND	170	59	280	88000
Dibenzo(a,h)anthracene	ND	ND	ND	ND	41	90
Dibenzofuran	ND	ND	ND	ND	ND	
Di-N-Octyl phthalate	ND	ND	110 J	480	ND	1600000
Fluoranthene	ND	ND	250 J	83	540 J	3100000
Fluorene	ND	ND	26 J	11 J	42	560000
Indeno(1,2,3-cd)pyrene	ND	ND	130	20 J	140	900
Naphthalene, SVOC	ND	ND	22 J	ND	28 J	1800
Phenanthrene	ND	17 J	160	73	260	
Pyrene	ND	ND	510	120	660	2300000
Total Metals (mg/kg)						
Antimony, Total	ND	ND	ND	ND	ND	5
Arsenic, Total	5 J	8.8 J	4.7 J	4.3 J	3.8 J	11.3
Barium, Total	34	56	43 J	40 J	42 J	1500
Beryllium, Total	0.62	0.67	0.58 J	0.6 J	0.61 J	22
Cadmium, Total	0.26	0.23	0.038 J	ND	0.081 J	5.2
Calcium, Total	91000 J+	90000 J+	79000 J	78000 J	75000 J	
Chromium, Total	17	19	15 J	15 J	15 J	21
Cobalt, Total	8.5	7.4	9.6 J	11 J	11 J	20
Copper, Total	19	17	16	18	80	2900
Iron, Total	16000 J-	20000 J-	14000 J	14000 J	15000 J	15000
Lead, Total	7.9	7.9	9.6 J	9.4 J	11 J	107
Magnesium, Total	35000 J-	37000 J-	35000 J	34000 J	30000 J	325000
Manganese, Total	440 J-	450 J-	440 J	360 J	480 J	630
Mercury, Total	0.016 J	0.013 J	0.014 J	0.0078 J	0.009 J	0.89
Nickel, Total	21	20	24 J	26 J	27 J	100
Potassium, Total	3000 J+	3400 J+	2200 J	2400 J	2100 J	
Selenium, Total	ND	ND	ND	0.62 J-	0.31 J	1.3
Silver, Total	ND	ND	ND	ND	ND	4.4
Sodium, Total	910	360	1700 J	620 J	2100 J	
Thallium, Total	0.79	0.7	ND	ND	ND	2.6
Vanadium, Total	19	20	17 J	17 J	17 J	550
Zinc, Total	39 B	35 B	44 J	42 J	49 J	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.34 J	0.73	0.22 J	0.57	0.49 J	2
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Cobalt, TCLP	ND	0.013 J	0.011 J	0.018 J	ND	1
Copper, TCLP	ND	0.011 J	0.014 J	0.018 J	0.023 J	0.65
Iron, TCLP	ND	ND	ND	0.2	0.23	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	1.2	1.5	4.5	1.5	3.1	0.15
Nickel, TCLP	ND	0.031	0.015 J	0.047	0.011 J	0.1
Zinc, TCLP	0.049 J	0.06 J	0.037 J	0.046 J	0.05 J	5

Summary Table of ISGS Site No. 2631-2
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Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-1(0-5)-021815	RV-1(5-10)-021815	RV-2(0-5)-022315	RV-2(5-10)-022315	RV-2(0-5)-022315D	Soil Reference Concentrations[A]
Sample Date	2/18/2015	2/18/2015	2/23/2015	2/23/2015	2/23/2015	
Location ID	RV-1	RV-1	RV-2	RV-2	RV-2	
Depth	0 - 5	5 - 10	0 - 5	5 - 10	5 - 10	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
TCLP Metals (mg/l)						
Arsenic, SPLP	0.045 J	ND	0.022 J	ND	0.064	0.05
Barium, SPLP	0.54	0.23 J	0.28 J	0.095 J	0.77	2
Beryllium, SPLP	0.0054	ND	ND	ND	0.0086	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.13	0.015 J	0.075 J	0.013 J	0.21 J	0.1
Cobalt, SPLP	0.032	ND	0.035 J	ND	0.12 J	1
Copper, SPLP	0.16	0.014 J	0.09 J	0.066	0.27 J	0.65
Iron, SPLP	120 J+	7 J+	55 J	4.6	170 J	5
Lead, SPLP	0.062	ND	0.031 J	ND	0.19 J	0.0075
Manganese, SPLP	0.72 J	0.088 J	0.88 J	0.067	2.5 J	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.13	0.01 J	0.085 J	ND	0.29 J	0.1
Zinc, SPLP	0.43 B	0.17 B	0.2 J	0.06 J	0.58 J	5

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Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-3(0-2)-021815	RV-7(0-5)-021815	RV-7(5-10)-021815	RV-7(10-15)-021815	RV-10(0-6)-022315	Soil Reference Concentrations[A]
Sample Date	2/18/2015	2/18/2015	2/18/2015	2/18/2015	2/23/2015	
Location ID	RV-3	RV-7	RV-7	RV-7	RV-10	
Depth	0 - 2	0 - 5	5 - 10	10 - 15	0 - 6	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
Laboratory pH (s.u.)	8.15	8.69	8.05	7.76	8.66	
VOCs (ug/kg)						
Acetone	ND	ND	12	ND	14	25000
SVOCs (ug/kg)						
2-Methylnaphthalene	86	22 J	11 J	ND	24 J	
Acenaphthene	110	70	15 J	ND	14 J	570000
Acenaphthylene	130	35 J	8.8 J	ND	ND	
Anthracene	480	480	53	8.5 J	45	1.20E+07
Benzo(a)anthracene	990	1100	160	24 J	64	900
Benzo(a)pyrene	1100	1000	130	19 J	57	90
Benzo(b)fluoranthene	1400	1400	170	23 J	77	900
Benzo(g,h,i)perylene	610	550	79	ND	23 J	
Benzo(k)fluoranthene	470	700	82	ND	22 J	9000
Carbazole	120 J	110 J	ND	ND	ND	600
Chrysene	940	1100	150	29 J	59	88000
Dibenzo(a,h)anthracene	180	250	41	ND	ND	90
Dibenzofuran	170 J	62 J	ND	ND	ND	
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600000
Fluoranthene	2000	2300	330	44	140	3100000
Fluorene	280	150	29 J	ND	38	560000
Indeno(1,2,3-cd)pyrene	570	530	82	ND	22 J	900
Naphthalene, SVOC	210	31 J	18 J	ND	100	1800
Phenanthrene	1500	1600	210	28 J	170	
Pyrene	1500	1800	260	36 J	150	2300000
Total Metals (mg/kg)						
Antimony, Total	ND	ND	ND	ND	ND	5
Arsenic, Total	4.3 J	5.3 J	4.9 J	5.7 J	5.5 J	11.3
Barium, Total	88	50	57	29	43 J	1500
Beryllium, Total	0.88	0.68	0.61	0.65	0.6 J	22
Cadmium, Total	0.21	0.28	0.26	0.32	0.099 J	5.2
Calcium, Total	110000 J+	50000 J+	84000 J+	96000 J+	73000 J	
Chromium, Total	14	17	17	18	15 J	21
Cobalt, Total	9.1	7.7	8.9	11	11 J	20
Copper, Total	14	17	18	19	19	2900
Iron, Total	14000 J-	18000 J-	17000 J-	17000 J-	15000 J	15000
Lead, Total	6.8	13	8.2	7.7	12 J	107
Magnesium, Total	37000 J-	27000 J-	34000 J-	34000 J-	34000 J	325000
Manganese, Total	560 J-	580 J-	460 J-	450 J-	450 J	630
Mercury, Total	0.013 J	0.037	0.031	0.016 J	0.042	0.89
Nickel, Total	17	20	22	22	26 J	100
Potassium, Total	2900 J+	2600 J+	3100 J+	3400 J+	1800 J	
Selenium, Total	ND	ND	ND	ND	ND	1.3
Silver, Total	0.064 J	ND	ND	ND	ND	4.4
Sodium, Total	790	1600	1600	920	2500 J	
Thallium, Total	1	0.85	0.66	0.6	ND	2.6
Vanadium, Total	16	21	19	20	20 J	550
Zinc, Total	32 B	52 B	41 B	35 B	54 J	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.79	0.32 J	0.42 J	0.69	0.51	2
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Cobalt, TCLP	0.021 J	ND	0.023 J	ND	0.014 J	1
Copper, TCLP	0.01 J	ND	0.077	ND	0.026	0.65
Iron, TCLP	ND	ND	ND	ND	0.38	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	2.4	1.4	5	1.9	5.5	0.15
Nickel, TCLP	0.012 J	ND	0.02 J	0.012 J	0.013 J	0.1
Zinc, TCLP	0.034 J	0.038 J	0.058 J	0.033 J	0.058 J	5

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-3(0-2)-021815	RV-7(0-5)-021815	RV-7(5-10)-021815	RV-7(10-15)-021815	RV-10(0-6)-022315	**Soil Reference Concentrations[A]**
Sample Date	2/18/2015	2/18/2015	2/18/2015	2/18/2015	2/23/2015	
Location ID	RV-3	RV-7	RV-7	RV-7	RV-10	
Depth	0 - 2	0 - 5	5 - 10	10 - 15	0 - 6	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
TCLP Metals (mg/l)						
Arsenic, SPLP	0.027 J	0.058	0.048 J	ND	0.06	0.05
Barium, SPLP	0.61	0.7	0.61	0.26 J	0.69	2
Beryllium, SPLP	0.0045	0.0076	0.0053	ND	0.0082	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.1	0.18	0.12	0.019 J	0.21	0.1
Cobalt, SPLP	0.042	0.053	0.049	ND	0.094	1
Copper, SPLP	0.11	0.17	0.17	0.02 J	0.22	0.65
Iron, SPLP	78 J+	170 J+	120 J+	9.8 J+	190	5
Lead, SPLP	0.044	0.22	0.1	ND	0.11 J	0.0075
Manganese, SPLP	0.89 J	1.4 J	1 J	0.12 J	2.4	0.15
Mercury, SPLP	ND	0.0002	ND	ND	0.0002	0.002
Nickel, SPLP	0.11	0.18	0.14	0.014 J	0.25	0.1
Zinc, SPLP	0.33 B	0.73 B	0.47 B	0.18 B	0.57	5

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Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-10(6-12)-022315	RV-10(6-12)-022315D	RV-11(0-6)-022015	RV-11(0-6)-022015D	RV-11(6-12)-022015	Soil Reference Concentrations[A]
Sample Date	2/23/2015	2/23/2015	2/20/2015	2/20/2015	2/20/2015	
Location ID	RV-10	RV-10	RV-11	RV-11	RV-11	
Depth	6 - 12	6 - 12	0 - 6	0 - 6	6 - 12	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
Laboratory pH (s.u.)	8.3	8.37	8.34	8.35	7.98	
VOCs (ug/kg)						
Acetone	ND	ND	ND	ND	ND	25000
SVOCs (ug/kg)						
2-Methylnaphthalene	150	110	ND	10 J	11 J	
Acenaphthene	73	52	18 J	36 J	33 J	570000
Acenaphthylene	21 J	13 J	27 J	60	23 J	
Anthracene	230	150	160 J	320 J	300	1.20E+07
Benzo(a)anthracene	290	190	510 J	1100 J	920	900
Benzo(a)pyrene	250	150	440 J	880 J	800	90
Benzo(b)fluoranthene	330	240	580 J	1100 J	1100	900
Benzo(g,h,i)perylene	94	72	250 J	500 J	430	
Benzo(k)fluoranthene	130 J	74 J	230 J	500 J	480	9000
Carbazole	110 J	ND	ND	ND	ND	600
Chrysene	280	180	440 J	1000 J	860	88000
Dibenzo(a,h)anthracene	ND	ND	85 J	170 J	ND	90
Dibenzofuran	150 J	110 J	ND	ND	ND	
Di-N-Octyl phthalate	310	320	ND	ND	ND	1600000
Fluoranthene	730	460	910 J	1800 J	1500	3100000
Fluorene	220	160	43 J	84 J	93	560000
Indeno(1,2,3-cd)pyrene	95	63	240 J	500 J	410	900
Naphthalene, SVOC	430	340	8.2 J	13 J	9.9 J	1800
Phenanthrene	980	670	350	580	720	
Pyrene	840	700	700 J	1500 J	2600	2300000
Total Metals (mg/kg)						
Antimony, Total	ND	ND	0.39 J	0.27 J	0.36 J	5
Arsenic, Total	5.1 J	4.5 J	4.1	4.5	5.1	11.3
Barium, Total	33 J	43 J	49 J	37 J	65 J	1500
Beryllium, Total	0.59 J	0.63 J	0.75 J	0.66 J	0.68 J	22
Cadmium, Total	ND	0.034 J	0.16	0.17	0.21	5.2
Calcium, Total	84000 J	91000 J	38000 J-	54000 J-	86000 J-	
Chromium, Total	15 J	16 J	20 J+	18 J+	19 J+	21
Cobalt, Total	10 J	12 J	8.8	8	7.8	20
Copper, Total	19	19	17	18	18	2900
Iron, Total	15000 J	15000 J	17000 J+	16000 J+	17000 J+	15000
Lead, Total	10 J	11 J	9.5 J	8.6 J	8 J	107
Magnesium, Total	35000 J	34000 J	21000 J-	28000 J-	32000 J-	325000
Manganese, Total	400 J	360 J	290 J	380 J	390 J	630
Mercury, Total	0.012 J	0.01 J	0.021	0.02	0.016 J	0.89
Nickel, Total	26 J	29 J	22	21	22	100
Potassium, Total	2200 J	2600 J	3100 J+	3200 J+	3400 J+	
Selenium, Total	ND	ND	ND	ND	ND	1.3
Silver, Total	ND	ND	ND	ND	ND	4.4
Sodium, Total	580 J	770 J	2800	2400	1400	
Thallium, Total	ND	ND	0.46 J	0.63 J	0.71 J	2.6
Vanadium, Total	16 J	18 J	26	22	22	550
Zinc, Total	44 J	47 J	42 B	37 B	36 B	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.43 J	0.45 J	0.45 J	0.43 J	0.47 J	2
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Cobalt, TCLP	0.013 J	0.012 J	0.012 J	ND	0.054	1
Copper, TCLP	0.018 J	0.024 J	ND	ND	0.014 J	0.65
Iron, TCLP	ND	0.34 J	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	1.6	1.6	2.3	0.88	5	0.15
Nickel, TCLP	0.044	0.039	0.013 J	ND	0.05	0.1
Zinc, TCLP	0.055 J	0.064 J	0.051 J	0.02 J	0.049 J	5

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Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-10(6-12)-022315	RV-10(6-12)-022315D	RV-11(0-6)-022015	RV-11(0-6)-022015D	RV-11(6-12)-022015	Soil Reference Concentrations[A]
Sample Date	2/23/2015	2/23/2015	2/20/2015	2/20/2015	2/20/2015	
Location ID	RV-10	RV-10	RV-11	RV-11	RV-11	
Depth	6 - 12	6 - 12	0 - 6	0 - 6	6 - 12	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
TCLP Metals (mg/l)						
Arsenic, SPLP	0.026 J	0.029 J	0.069	0.049 J	0.01 J	0.05
Barium, SPLP	0.42 J	0.47 J	0.82	0.59	0.3 J	2
Beryllium, SPLP	0.0068	0.0063	0.0086	0.0065	ND	0.004
Cadmium, SPLP	ND	ND	0.0023 J	0.0025 J	ND	0.005
Chromium, SPLP	0.16	0.15	0.23	0.17	0.071	0.1
Cobalt, SPLP	0.075	0.07	0.12	0.082	0.033	1
Copper, SPLP	0.14	0.17	0.29	0.2	0.094	0.65
Iron, SPLP	110	100	230 J+	170 J+	56 J+	5
Lead, SPLP	0.13 J	0.12 J	0.18	0.11	ND	0.0075
Manganese, SPLP	1.3	1.3	2	1.5	0.7	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.19	0.17	0.33	0.23	0.087	0.1
Zinc, SPLP	0.27	0.3	0.68 B	0.48 B	ND	5

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-12(0-2)-022315	RV-14(0-5)-022015	RV-14(5-10)-022015	RV-15(0-5)-022315	RV-15(5-10)-022315	Soil Reference Concentrations[A]
Sample Date	2/23/2015	2/20/2015	2/20/2015	2/23/2015	2/23/2015	
Location ID	RV-12	RV-14	RV-14	RV-15	RV-15	
Depth	0 - 2	0 - 5	5 - 10	0 - 5	5 - 10	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
Laboratory pH (s.u.)	8.99	8.56	8.15	8.78	8	
VOCs (ug/kg)						
Acetone	20	15	110	13	ND	25000
SVOCs (ug/kg)						
2-Methylnaphthalene	120	15 J	ND	55	35 J	
Acenaphthene	120	13 J	ND	49	39 J	570000
Acenaphthylene	5.6 J	12 J	ND	70	5.7 J	
Anthracene	350	57	12 J	270	110	1.20E+07
Benzo(a)anthracene	340	100	17 J	720	150	900
Benzo(a)pyrene	270	92	ND	670	120	90
Benzo(b)fluoranthene	340	130	ND	970	160	900
Benzo(g,h,i)perylene	130	62	ND	320	60	
Benzo(k)fluoranthene	130	44	ND	430	72	9000
Carbazole	110 J	ND	ND	ND	ND	600
Chrysene	310	96	18 J	670	140	88000
Dibenzo(a,h)anthracene	ND	ND	ND	ND	ND	90
Dibenzofuran	170 J	ND	ND	83 J	56 J	
Di-N-Octyl phthalate	ND	ND	ND	ND	ND	1600000
Fluoranthene	790	200	33 J	1300	320	3100000
Fluorene	280	44	11 J	140	91	560000
Indeno(1,2,3-cd)pyrene	110	50	ND	300	55	900
Naphthalene, SVOC	240	33 J	13 J	170	80	1800
Phenanthrene	1200	210	39 J	720	410	
Pyrene	1400	330	64	1200	470	2300000
Total Metals (mg/kg)						
Antimony, Total	ND	0.24 J	ND	ND	ND	5
Arsenic, Total	4 J	4	4.6	5.8 J	4.4 J	11.3
Barium, Total	31 J	36 J	50 J	35 J	47 J	1500
Beryllium, Total	0.46 J	0.54 J	0.66 J	0.58 J	0.64 J	22
Cadmium, Total	0.1 J	0.18	0.19	0.038 J	0.041 J	5.2
Calcium, Total	78000 J	54000 J-	46000 J-	55000 J	79000 J	
Chromium, Total	11 J	14 J+	18 J+	15 J	16 J	21
Cobalt, Total	8.8 J	6.1	8	10 J	12 J	20
Copper, Total	17	14	17	16	19	2900
Iron, Total	14000 J	13000 J+	15000 J+	16000 J	15000 J	15000
Lead, Total	18 J	14 J	9.2 J	10 J	11 J	107
Magnesium, Total	36000 J	30000 J-	24000 J-	23000 J	33000 J	325000
Manganese, Total	480 J	440 J	440 J	370 J	430 J	630
Mercury, Total	0.02	0.043	0.018 J	0.014 J	0.02	0.89
Nickel, Total	21 J	16	21	26 J	29 J	100
Potassium, Total	1300 J	2500 J+	2800 J+	2000 J	2300 J	
Selenium, Total	0.59 J-	ND	ND	ND	ND	1.3
Silver, Total	ND	ND	ND	ND	ND	4.4
Sodium, Total	580 J	1400	820	1300 J	250 J	
Thallium, Total	ND	0.75 J	0.53 J	ND	ND	2.6
Vanadium, Total	16 J	19	24	17 J	18 J	550
Zinc, Total	71 J	37 B	42 B	50 J	49 J	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.49 J	0.35 J	0.47 J	0.42 J	0.64	2
Cadmium, TCLP	0.0032 J	ND	ND	ND	ND	0.005
Cobalt, TCLP	0.031	ND	0.026	ND	0.013 J	1
Copper, TCLP	0.032	0.017 J	ND	0.022 J	0.022 J	0.65
Iron, TCLP	1.3	ND	ND	0.28	0.25	5
Lead, TCLP	0.021	ND	ND	ND	ND	0.0075
Manganese, TCLP	9.4	0.032	4.7	6.1	2.3	0.15
Nickel, TCLP	0.04	0.011 J	0.028	ND	0.026	0.1
Zinc, TCLP	0.14	0.048 J	0.044 J	0.074 J	0.053 J	5

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-12(0-2)-022315	RV-14(0-5)-022015	RV-14(5-10)-022015	RV-15(0-5)-022315	RV-15(5-10)-022315	Soil Reference Concentrations[A]
Sample Date	2/23/2015	2/20/2015	2/20/2015	2/23/2015	2/23/2015	
Location ID	RV-12	RV-14	RV-14	RV-15	RV-15	
Depth	0 - 2	0 - 5	5 - 10	0 - 5	5 - 10	
Location ID	2631-2	2631-2	2631-2	2631-2	2631-2	
Parameter						
TCLP Metals (mg/l)						
Arsenic, SPLP	0.035 J	0.04 J	ND	0.07	ND	0.05
Barium, SPLP	0.38 J	0.49 J	0.093 J	0.74	ND	2
Beryllium, SPLP	0.0044	0.0054	ND	0.0099	ND	0.004
Cadmium, SPLP	ND	0.0025 J	ND	ND	ND	0.005
Chromium, SPLP	0.11	0.14	0.014 J	0.23	ND	0.1
Cobalt, SPLP	0.049	0.065	ND	0.13	ND	1
Copper, SPLP	0.12	0.17	0.021 J	0.25	ND	0.65
Iron, SPLP	100	140 J+	7.7 J+	220	1.9	5
Lead, SPLP	0.19 J	0.13	ND	0.16 J	ND	0.0075
Manganese, SPLP	1.3	1.7	0.093	3	0.039	0.15
Mercury, SPLP	ND	ND	ND	0.0002	ND	0.002
Nickel, SPLP	0.13	0.18	0.011 J	0.32	ND	0.1
Zinc, SPLP	0.44	0.47 B	ND	0.69	ND	5

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-24(0-6)-022015	RV-25(0-6)-022315	RV-27(0-2)-022315	Soil Reference Concentrations[A]
Sample Date	2/20/2015	2/23/2015	2/23/2015	
Location ID	RV-24	RV-25	RV-27	
Depth	0 - 6	0 - 6	0 - 2	
Location ID	2631-2	2631-2	2631-2	
Parameter				
Laboratory pH (s.u.)	8.53	8.18	8.69	
VOCs (ug/kg)				
Acetone	ND	ND	ND	25000
SVOCs (ug/kg)				
2-Methylnaphthalene	29 J	20 J	7.4 J	
Acenaphthene	65	34 J	ND	570000
Acenaphthylene	35 J	ND	ND	
Anthracene	210	120	19 J	1.20E+07
Benzo(a)anthracene	570	200	27 J	900
Benzo(a)pyrene	570	170	ND	90
Benzo(b)fluoranthene	790	240 J+	31 J	900
Benzo(g,h,i)perylene	430	76	ND	
Benzo(k)fluoranthene	270	130	19 J	9000
Carbazole	ND	ND	ND	600
Chrysene	620	200	26 J	88000
Dibenzo(a,h)anthracene	180	ND	ND	90
Dibenzofuran	58 J	ND	ND	
Di-N-Octyl phthalate	ND	ND	ND	1600000
Fluoranthene	1200	490	57	3100000
Fluorene	110	54	15 J	560000
Indeno(1,2,3-cd)pyrene	370	71	ND	900
Naphthalene, SVOC	70	47	23 J	1800
Phenanthrene	730	450	68	
Pyrene	850	400 J+	72	2300000
Total Metals (mg/kg)				
Antimony, Total	ND	ND	ND	5
Arsenic, Total	5	4.8 J	3.9 J	11.3
Barium, Total	47	29 J	41 J	1500
Beryllium, Total	0.62	0.49 J	0.3 J	22
Cadmium, Total	ND	0.054 J	0.063 J	5.2
Calcium, Total	36000 B	85000 J	60000 J	
Chromium, Total	15	13 J	9.3 J	21
Cobalt, Total	12	9.1 J	4.8 J	20
Copper, Total	17	14	8.5	2900
Iron, Total	16000	15000 J	9200 J	15000
Lead, Total	18	10 J	11 J	107
Magnesium, Total	23000	38000 J	30000 J	325000
Manganese, Total	630	470 J	570 J	630
Mercury, Total	0.034	0.037	0.017	0.89
Nickel, Total	26	24 J	12 J	100
Potassium, Total	1800	1700 J	660 J	
Selenium, Total	0.39 J	0.32 J	0.31 J	1.3
Silver, Total	ND	ND	ND	4.4
Sodium, Total	1700	1400 J	1100 J	
Thallium, Total	ND	ND	ND	2.6
Vanadium, Total	19	15 J	10 J	550
Zinc, Total	81 B	60 J	36 J	5100
TCLP Metals (mg/l)				
Barium, TCLP	0.29 J	0.38 J	0.78	2
Cadmium, TCLP	ND	ND	ND	0.005
Cobalt, TCLP	ND	ND	ND	1
Copper, TCLP	ND	ND	0.034	0.65
Iron, TCLP	ND	1.1	ND	5
Lead, TCLP	ND	ND	0.008	0.0075
Manganese, TCLP	0.98	0.33	6.2	0.15
Nickel, TCLP	0.011 J	ND	0.014 J	0.1
Zinc, TCLP	0.042 J	0.047 J	0.06 J	5

Summary Table of ISGS Site No. 2631-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAU 3509: Sheridan Road from Tower Road to Scott Avenue
Winnetka and Glencoe, Cook County, Illinois

Field Sample ID	RV-24(0-6)-022015	RV-25(0-6)-022315	RV-27(0-2)-022315	**Soil Reference Concentrations[A]**
Sample Date	2/20/2015	2/23/2015	2/23/2015	
Location ID	RV-24	RV-25	RV-27	
Depth	0 - 6	0 - 6	0 - 2	
Location ID	2631-2	2631-2	2631-2	
Parameter				
TCLP Metals (mg/l)				
Arsenic, SPLP	0.051	0.045 J	0.025 J	0.05
Barium, SPLP	0.73	0.45 J	0.54	2
Beryllium, SPLP	0.0087	0.0057	ND	0.004
Cadmium, SPLP	ND	ND	ND	0.005
Chromium, SPLP	0.25	0.16	0.056	0.1
Cobalt, SPLP	0.059	0.035	0.016 J	1
Copper, SPLP	0.2	0.12	0.062	0.65
Iron, SPLP	210 J+	200	51	5
Lead, SPLP	0.12	0.059 J	0.06 J	0.0075
Manganese, SPLP	1.5	0.66	1.3	0.15
Mercury, SPLP	ND	0.0003	ND	0.002
Nickel, SPLP	0.21	0.13	0.061	0.1
Zinc, SPLP	0.79 B	0.41	0.19	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 investigative and blank 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: 500-92398-1
Client Project/Site: IDOT - Winnetka - WO 007

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

Attn: Mr. S. Babusukumar

Authorized for release by:
2/27/2015 3:25:24 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(0-5)-021815
Date Collected: 02/18/15 12:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-1
Matrix: Solid
Percent Solids: 85.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/20/15 01:56	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/20/15 01:56	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 01:56	1
Bromoform	<5.9		5.9	1.3	ug/Kg	☼		02/20/15 01:56	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/20/15 01:56	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 01:56	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 01:56	1
Chlorobenzene	<5.9		5.9	0.59	ug/Kg	☼		02/20/15 01:56	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 01:56	1
Chloroform	<5.9		5.9	0.67	ug/Kg	☼		02/20/15 01:56	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 01:56	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/20/15 01:56	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 01:56	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 01:56	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/20/15 01:56	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/20/15 01:56	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/20/15 01:56	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/20/15 01:56	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 01:56	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 01:56	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/20/15 01:56	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 01:56	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/20/15 01:56	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/20/15 01:56	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 01:56	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 01:56	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 01:56	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/20/15 01:56	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/20/15 01:56	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/20/15 01:56	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 01:56	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 01:56	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/20/15 01:56	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 01:56	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 01:56	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/20/15 01:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*02/20/15 01:56*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*02/20/15 01:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 134*		*02/20/15 01:56*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*		*02/20/15 01:56*	*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	☼	02/20/15 07:16	02/24/15 12:18	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(0-5)-021815
Date Collected: 02/18/15 12:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-1
Matrix: Solid
Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,4-Dinitrophenol	<770		770	680	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Methylnaphthalene	<38		38	7.1	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
3,3'-Dichlorobenzidine	<190	*	190	54	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
4-Nitrophenol	<770		770	370	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Benzo[a]pyrene	<38		38	7.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Benzo[b]fluoranthene	<38		38	8.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Carbazole	<190		190	99	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Chrysene	<38		38	10	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Fluoranthene	<38		38	7.1	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(0-5)-021815
Date Collected: 02/18/15 12:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-1
Matrix: Solid
Percent Solids: 85.3

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	<38		38	9.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Isophorone	<190		190	43	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Pentachlorophenol	<770		770	620	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Phenol	<190		190	85	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1
Pyrene	<38		38	7.6	ug/Kg	☼	02/20/15 07:16	02/24/15 12:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*49*		*35 - 137*	*02/20/15 07:16*	*02/24/15 12:18*	*1*
2-Fluorobiphenyl	*53*		*25 - 119*	*02/20/15 07:16*	*02/24/15 12:18*	*1*
2-Fluorophenol	*49*		*25 - 110*	*02/20/15 07:16*	*02/24/15 12:18*	*1*
Nitrobenzene-d5	*46*		*25 - 115*	*02/20/15 07:16*	*02/24/15 12:18*	*1*
Phenol-d5	*50*		*31 - 110*	*02/20/15 07:16*	*02/24/15 12:18*	*1*
Terphenyl-d14	*91*		*36 - 134*	*02/20/15 07:16*	*02/24/15 12:18*	*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		02/26/15 09:40	02/26/15 19:32	1
Barium	**0.34**	**J**	0.50	0.050	mg/L		02/26/15 09:40	02/26/15 19:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 19:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 19:32	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Cobalt	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Copper	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 19:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 19:32	1
Manganese	**1.2**		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Nickel	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 19:32	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:32	1
Zinc	**0.049**	**J**	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 19:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.045**	**J**	0.050	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Barium	**0.54**		0.50	0.050	mg/L		02/25/15 10:15	02/26/15 03:00	1
Beryllium	**0.0054**		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 03:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 03:00	1
Chromium	**0.13**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Cobalt	**0.032**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Copper	**0.16**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Iron	**120**		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 03:00	1
Lead	**0.062**		0.0075	0.0075	mg/L		02/25/15 10:15	02/26/15 13:30	1
Manganese	**0.72**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Nickel	**0.13**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:00	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 03:00	1

Client Sample ID: RV-1(0-5)-021815
Date Collected: 02/18/15 12:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-1
Matrix: Solid

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		02/25/15 10:15	02/26/15 03:00	1
Zinc	**0.43**	**B**	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 03:00	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.50**	**J B**	1.1	0.24	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Arsenic	**5.0**		0.57	0.26	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Barium	**34**		0.57	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Beryllium	**0.62**		0.23	0.049	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Cadmium	**0.26**		0.11	0.033	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Calcium	**91000**		110	37	mg/Kg	☼	02/19/15 16:59	02/24/15 20:07	10
Chromium	**17**		0.57	0.098	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Cobalt	**8.5**		0.28	0.064	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Copper	**19**		0.57	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Iron	**16000**		11	4.4	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Lead	**7.9**		0.28	0.14	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Magnesium	**35000**		5.7	2.3	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Manganese	**440**		0.57	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Nickel	**21**		0.57	0.15	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Potassium	**3000**		28	4.6	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Sodium	**910**		57	7.5	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Thallium	**0.79**		0.57	0.28	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Vanadium	**19**		0.28	0.083	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1
Zinc	**39**	**B**	1.1	0.36	mg/Kg	☼	02/19/15 16:59	02/23/15 14:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 08:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:06	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	**16**	**J**	19	6.6	ug/Kg	☼	02/20/15 14:30	02/23/15 10:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.80**		0.200	0.200	SU			02/23/15 12:37	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(5-10)-021815
Date Collected: 02/18/15 12:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-2
Matrix: Solid
Percent Solids: 84.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/20/15 02:21	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/20/15 02:21	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 02:21	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/20/15 02:21	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/20/15 02:21	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 02:21	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 02:21	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/20/15 02:21	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 02:21	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/20/15 02:21	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 02:21	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/20/15 02:21	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 02:21	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 02:21	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/20/15 02:21	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/20/15 02:21	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/20/15 02:21	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/20/15 02:21	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 02:21	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 02:21	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/20/15 02:21	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 02:21	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/20/15 02:21	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/20/15 02:21	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 02:21	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 02:21	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 02:21	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/20/15 02:21	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/20/15 02:21	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/20/15 02:21	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 02:21	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 02:21	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/20/15 02:21	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 02:21	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 02:21	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/20/15 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 122*		*02/20/15 02:21*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*02/20/15 02:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*02/20/15 02:21*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/20/15 02:21*	*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	☼	02/20/15 07:16	02/24/15 12:36	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(5-10)-021815
Date Collected: 02/18/15 12:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-2
Matrix: Solid
Percent Solids: 84.9

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	86	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Methylnaphthalene	<37		37	6.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
3,3'-Dichlorobenzidine	<190	*	190	53	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Acenaphthene	<37		37	6.7	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Anthracene	<37		37	6.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Benzo[a]pyrene	<37		37	7.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Benzo[b]fluoranthene	<37		37	8.1	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Carbazole	<190		190	97	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Chrysene	<37		37	10	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Dibenz(a,h)anthracene	<37		37	7.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Fluoranthene	<37		37	7.0	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Fluorene	<37		37	5.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-1(5-10)-021815
Date Collected: 02/18/15 12:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-2
Matrix: Solid
Percent Solids: 84.9

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	☼	02/20/15 07:16	02/24/15 12:36	1
Isophorone	<190		190	42	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Naphthalene	<37		37	5.8	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Phenanthrene	**17**	**J**	37	5.2	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Phenol	<190		190	83	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1
Pyrene	<37		37	7.5	ug/Kg	☼	02/20/15 07:16	02/24/15 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*55*		*35 - 137*	*02/20/15 07:16*	*02/24/15 12:36*	*1*
2-Fluorobiphenyl	*56*		*25 - 119*	*02/20/15 07:16*	*02/24/15 12:36*	*1*
2-Fluorophenol	*51*		*25 - 110*	*02/20/15 07:16*	*02/24/15 12:36*	*1*
Nitrobenzene-d5	*48*		*25 - 115*	*02/20/15 07:16*	*02/24/15 12:36*	*1*
Phenol-d5	*52*		*31 - 110*	*02/20/15 07:16*	*02/24/15 12:36*	*1*
Terphenyl-d14	*88*		*36 - 134*	*02/20/15 07:16*	*02/24/15 12:36*	*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		02/26/15 09:40	02/26/15 19:57	1
Barium	**0.73**		0.50	0.050	mg/L		02/26/15 09:40	02/26/15 19:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 19:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 19:57	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Cobalt	**0.013**	**J**	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Copper	**0.011**	**J**	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 19:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 19:57	1
Manganese	**1.5**		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Nickel	**0.031**		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 19:57	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 19:57	1
Zinc	**0.060**	**J**	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 19:57	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		02/25/15 10:15	02/26/15 03:06	1
Barium	**0.23**	**J**	0.50	0.050	mg/L		02/25/15 10:15	02/26/15 03:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 03:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 03:06	1
Chromium	**0.015**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:06	1
Cobalt	<0.025		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:06	1
Copper	**0.014**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:06	1
Iron	**7.0**		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 03:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/25/15 10:15	02/26/15 13:34	1
Manganese	**0.088**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:06	1
Nickel	**0.010**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:06	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 03:06	1

Client Sample ID: RV-1(5-10)-021815
Date Collected: 02/18/15 12:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-2
Matrix: Solid

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		02/25/15 10:15	02/26/15 03:06	1
Zinc	**0.17**	**B**	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 03:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.73**	**J B**	1.1	0.23	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Arsenic	**8.8**		0.55	0.26	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Barium	**56**		0.55	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Beryllium	**0.67**		0.22	0.048	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Cadmium	**0.23**		0.11	0.032	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Calcium	**90000**		110	36	mg/Kg	☼	02/19/15 16:59	02/24/15 20:11	10
Chromium	**19**		0.55	0.095	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Cobalt	**7.4**		0.28	0.063	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Copper	**17**		0.55	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Iron	**20000**		11	4.3	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Lead	**7.9**		0.28	0.14	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Magnesium	**37000**		5.5	2.2	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Manganese	**450**		0.55	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Nickel	**20**		0.55	0.15	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Potassium	**3400**		28	4.5	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Selenium	<0.55		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Sodium	**360**		55	7.3	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Thallium	**0.70**		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Vanadium	**20**		0.28	0.081	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1
Zinc	**35**	**B**	1.1	0.35	mg/Kg	☼	02/19/15 16:59	02/23/15 14:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 09:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:08	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	**13**	**J**	18	6.1	ug/Kg	☼	02/20/15 14:30	02/23/15 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.27**		0.200	0.200	SU			02/23/15 12:41	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-3(0-2)-021815
Date Collected: 02/18/15 13:05
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-3
Matrix: Solid
Percent Solids: 86.4

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	☼		02/20/15 02:46	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		02/20/15 02:46	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		02/20/15 02:46	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		02/20/15 02:46	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		02/20/15 02:46	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		02/20/15 02:46	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		02/20/15 02:46	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		02/20/15 02:46	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		02/20/15 02:46	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		02/20/15 02:46	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		02/20/15 02:46	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		02/20/15 02:46	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		02/20/15 02:46	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		02/20/15 02:46	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		02/20/15 02:46	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		02/20/15 02:46	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		02/20/15 02:46	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		02/20/15 02:46	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		02/20/15 02:46	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		02/20/15 02:46	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		02/20/15 02:46	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		02/20/15 02:46	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		02/20/15 02:46	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		02/20/15 02:46	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		02/20/15 02:46	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		02/20/15 02:46	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		02/20/15 02:46	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		02/20/15 02:46	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		02/20/15 02:46	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		02/20/15 02:46	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		02/20/15 02:46	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		02/20/15 02:46	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		02/20/15 02:46	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		02/20/15 02:46	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		02/20/15 02:46	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		02/20/15 02:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/20/15 02:46*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/20/15 02:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/20/15 02:46*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*02/20/15 02:46*	*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	☼	02/20/15 07:16	02/24/15 12:54	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-3(0-2)-021815
Date Collected: 02/18/15 13:05
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-3
Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Methylnaphthalene	**86**		38	7.0	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
3,3'-Dichlorobenzidine	<190	*	190	54	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Acenaphthene	**110**		38	6.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Acenaphthylene	**130**		38	5.0	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Anthracene	**480**		38	6.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Benzo[a]anthracene	**990**		38	5.2	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Benzo[a]pyrene	**1100**		38	7.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Benzo[b]fluoranthene	**1400**		38	8.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Benzo[g,h,i]perylene	**610**		38	12	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Benzo[k]fluoranthene	**470**		38	11	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Carbazole	**120**	**J**	190	99	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Chrysene	**940**		38	10	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Dibenz(a,h)anthracene	**180**		38	7.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Dibenzofuran	**170**	**J**	190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Fluoranthene	**2000**		38	7.1	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Fluorene	**280**		38	5.4	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-3(0-2)-021815
Date Collected: 02/18/15 13:05
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-3
Matrix: Solid
Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	570		38	9.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Isophorone	<190		190	43	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Naphthalene	210		38	5.9	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Phenanthrene	1500		38	5.3	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Phenol	<190		190	85	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1
Pyrene	1500		38	7.6	ug/Kg	☼	02/20/15 07:16	02/24/15 12:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*56*		*35 - 137*	*02/20/15 07:16*	*02/24/15 12:54*	*1*
2-Fluorobiphenyl	*60*		*25 - 119*	*02/20/15 07:16*	*02/24/15 12:54*	*1*
2-Fluorophenol	*56*		*25 - 110*	*02/20/15 07:16*	*02/24/15 12:54*	*1*
Nitrobenzene-d5	*53*		*25 - 115*	*02/20/15 07:16*	*02/24/15 12:54*	*1*
Phenol-d5	*58*		*31 - 110*	*02/20/15 07:16*	*02/24/15 12:54*	*1*
Terphenyl-d14	*69*		*36 - 134*	*02/20/15 07:16*	*02/24/15 12:54*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Barium	0.79		0.50	0.050	mg/L		02/26/15 09:40	02/26/15 20:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 20:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 20:04	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Cobalt	0.021	J	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Copper	0.010	J	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 20:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 20:04	1
Manganese	2.4		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Nickel	0.012	J	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 20:04	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 20:04	1
Zinc	0.034	J	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 20:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.027	J	0.050	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Barium	0.61		0.50	0.050	mg/L		02/25/15 10:15	02/26/15 03:46	1
Beryllium	0.0045		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 03:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 03:46	1
Chromium	0.10		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Cobalt	0.042		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Copper	0.11		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Iron	78		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 03:46	1
Lead	0.044		0.038	0.038	mg/L		02/25/15 10:15	02/26/15 17:01	5
Manganese	0.89		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Nickel	0.11		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 03:46	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 03:46	1

Client Sample ID: RV-3(0-2)-021815
Date Collected: 02/18/15 13:05
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-3
Matrix: Solid

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		02/25/15 10:15	02/26/15 03:46	1
Zinc	0.33	B	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 03:46	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.52	J B	1.1	0.23	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Arsenic	4.3		0.55	0.25	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Barium	88		0.55	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Beryllium	0.88		0.22	0.047	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Cadmium	0.21		0.11	0.032	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Calcium	110000		110	35	mg/Kg	☼	02/19/15 16:59	02/24/15 20:44	10
Chromium	14		0.55	0.094	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Cobalt	9.1		0.27	0.062	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Copper	14		0.55	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Iron	14000		11	4.2	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Lead	6.8		0.27	0.14	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Magnesium	37000		5.5	2.2	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Manganese	560		0.55	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Nickel	17		0.55	0.15	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Potassium	2900		27	4.5	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Selenium	<0.55		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Silver	0.064	J	0.27	0.064	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Sodium	790		55	7.2	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Thallium	1.0		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Vanadium	16		0.27	0.080	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1
Zinc	32	B	1.1	0.35	mg/Kg	☼	02/19/15 16:59	02/23/15 15:13	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 09:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:10	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	13	J	17	6.0	ug/Kg	☼	02/20/15 14:30	02/23/15 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.15		0.200	0.200	SU			02/23/15 12:45	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(0-5)-021815
Date Collected: 02/18/15 14:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-11
Matrix: Solid
Percent Solids: 85.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/20/15 06:03	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/20/15 06:03	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 06:03	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/20/15 06:03	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/20/15 06:03	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 06:03	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 06:03	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/20/15 06:03	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 06:03	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/20/15 06:03	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 06:03	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/20/15 06:03	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 06:03	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/20/15 06:03	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/20/15 06:03	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/20/15 06:03	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/20/15 06:03	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/20/15 06:03	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 06:03	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 06:03	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/20/15 06:03	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/20/15 06:03	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/20/15 06:03	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/20/15 06:03	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 06:03	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/20/15 06:03	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 06:03	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/20/15 06:03	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/20/15 06:03	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/20/15 06:03	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/20/15 06:03	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/20/15 06:03	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/20/15 06:03	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/20/15 06:03	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/20/15 06:03	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/20/15 06:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/20/15 06:03*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/20/15 06:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/20/15 06:03*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*		*02/20/15 06:03*	*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	☼	02/20/15 07:11	02/23/15 15:25	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(0-5)-021815
Date Collected: 02/18/15 14:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-11
Matrix: Solid
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Methylnaphthalene	**22**	**J**	38	7.0	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Acenaphthene	**70**		38	6.8	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Acenaphthylene	**35**	**J**	38	5.0	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Anthracene	**480**		38	6.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Benzo[a]anthracene	**1100**		38	5.1	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Benzo[a]pyrene	**1000**		38	7.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Benzo[b]fluoranthene	**1400**		38	8.2	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Benzo[g,h,i]perylene	**550**		38	12	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Benzo[k]fluoranthene	**700**		38	11	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Carbazole	**110**	**J**	190	98	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Chrysene	**1100**		38	10	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Dibenz(a,h)anthracene	**250**		38	7.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Dibenzofuran	**62**	**J**	190	44	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Fluoranthene	**2300**		38	7.0	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Fluorene	**150**		38	5.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(0-5)-021815
Date Collected: 02/18/15 14:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-11
Matrix: Solid
Percent Solids: 85.1

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	530		38	9.8	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Isophorone	<190		190	43	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Naphthalene	31	J	38	5.8	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Phenanthrene	1600		38	5.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Phenol	<190		190	84	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1
Pyrene	1800		38	7.5	ug/Kg	☼	02/20/15 07:11	02/23/15 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*69*		*35 - 137*	*02/20/15 07:11*	*02/23/15 15:25*	*1*
2-Fluorobiphenyl	*60*		*25 - 119*	*02/20/15 07:11*	*02/23/15 15:25*	*1*
2-Fluorophenol	*53*		*25 - 110*	*02/20/15 07:11*	*02/23/15 15:25*	*1*
Nitrobenzene-d5	*58*		*25 - 115*	*02/20/15 07:11*	*02/23/15 15:25*	*1*
Phenol-d5	*56*		*31 - 110*	*02/20/15 07:11*	*02/23/15 15:25*	*1*
Terphenyl-d14	*73*		*36 - 134*	*02/20/15 07:11*	*02/23/15 15:25*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Barium	0.32	J	0.50	0.050	mg/L		02/26/15 09:40	02/26/15 21:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 21:08	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Cobalt	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Copper	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 21:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 21:08	1
Manganese	1.4		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Nickel	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 21:08	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:08	1
Zinc	0.038	J	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 21:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.058		0.050	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Barium	0.70		0.50	0.050	mg/L		02/25/15 10:15	02/26/15 04:51	1
Beryllium	0.0076		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 04:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 04:51	1
Chromium	0.18		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Cobalt	0.053		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Copper	0.17		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Iron	170		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 04:51	1
Lead	0.22		0.038	0.038	mg/L		02/25/15 10:15	02/26/15 17:29	5
Manganese	1.4		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Nickel	0.18		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:51	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 04:51	1

Client Sample ID: RV-7(0-5)-021815
Date Collected: 02/18/15 14:35
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-11
Matrix: Solid

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		02/25/15 10:15	02/26/15 04:51	1
Zinc	**0.73**	**B**	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 04:51	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.48**	**J B**	1.1	0.23	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Arsenic	**5.3**		0.55	0.25	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Barium	**50**		0.55	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Beryllium	**0.68**		0.22	0.048	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Cadmium	**0.28**		0.11	0.032	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Calcium	**50000**		11	3.5	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Chromium	**17**		0.55	0.094	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Cobalt	**7.7**		0.27	0.062	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Copper	**17**		0.55	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Iron	**18000**		11	4.2	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Lead	**13**		0.27	0.14	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Magnesium	**27000**		5.5	2.2	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Manganese	**580**		0.55	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Nickel	**20**		0.55	0.15	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Potassium	**2600**		27	4.5	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Selenium	<0.55		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Sodium	**1600**		55	7.2	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Thallium	**0.85**		0.55	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Vanadium	**21**		0.27	0.080	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1
Zinc	**52**	**B**	1.1	0.35	mg/Kg	☼	02/19/15 16:59	02/23/15 16:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 09:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:34	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	**37**		19	6.7	ug/Kg	☼	02/20/15 14:30	02/23/15 11:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.69**		0.200	0.200	SU			02/23/15 13:15	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(5-10)-021815
Date Collected: 02/18/15 14:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-12
Matrix: Solid
Percent Solids: 81.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	12		6.2	2.7	ug/Kg	☼		02/20/15 06:27	1
Benzene	<6.2		6.2	0.85	ug/Kg	☼		02/20/15 06:27	1
Bromodichloromethane	<6.2		6.2	1.1	ug/Kg	☼		02/20/15 06:27	1
Bromoform	<6.2		6.2	1.4	ug/Kg	☼		02/20/15 06:27	1
Bromomethane	<6.2		6.2	1.9	ug/Kg	☼		02/20/15 06:27	1
Carbon disulfide	<6.2		6.2	0.92	ug/Kg	☼		02/20/15 06:27	1
Carbon tetrachloride	<6.2		6.2	1.1	ug/Kg	☼		02/20/15 06:27	1
Chlorobenzene	<6.2		6.2	0.63	ug/Kg	☼		02/20/15 06:27	1
Chloroethane	<6.2		6.2	1.7	ug/Kg	☼		02/20/15 06:27	1
Chloroform	<6.2		6.2	0.71	ug/Kg	☼		02/20/15 06:27	1
Chloromethane	<6.2		6.2	1.3	ug/Kg	☼		02/20/15 06:27	1
cis-1,2-Dichloroethene	<6.2		6.2	0.87	ug/Kg	☼		02/20/15 06:27	1
cis-1,3-Dichloropropene	<6.2		6.2	0.81	ug/Kg	☼		02/20/15 06:27	1
Dibromochloromethane	<6.2		6.2	1.1	ug/Kg	☼		02/20/15 06:27	1
1,1-Dichloroethane	<6.2		6.2	0.98	ug/Kg	☼		02/20/15 06:27	1
1,2-Dichloroethane	<6.2		6.2	0.92	ug/Kg	☼		02/20/15 06:27	1
1,1-Dichloroethene	<6.2		6.2	1.0	ug/Kg	☼		02/20/15 06:27	1
1,2-Dichloropropane	<6.2		6.2	0.94	ug/Kg	☼		02/20/15 06:27	1
1,3-Dichloropropene, Total	<6.2		6.2	0.81	ug/Kg	☼		02/20/15 06:27	1
Ethylbenzene	<6.2		6.2	1.2	ug/Kg	☼		02/20/15 06:27	1
2-Hexanone	<6.2		6.2	1.8	ug/Kg	☼		02/20/15 06:27	1
Methylene Chloride	<6.2		6.2	1.7	ug/Kg	☼		02/20/15 06:27	1
Methyl Ethyl Ketone	<6.2		6.2	2.2	ug/Kg	☼		02/20/15 06:27	1
methyl isobutyl ketone	<6.2		6.2	1.6	ug/Kg	☼		02/20/15 06:27	1
Methyl tert-butyl ether	<6.2		6.2	1.0	ug/Kg	☼		02/20/15 06:27	1
Styrene	<6.2		6.2	0.81	ug/Kg	☼		02/20/15 06:27	1
1,1,2,2-Tetrachloroethane	<6.2		6.2	1.2	ug/Kg	☼		02/20/15 06:27	1
Tetrachloroethene	<6.2		6.2	0.94	ug/Kg	☼		02/20/15 06:27	1
Toluene	<6.2		6.2	0.86	ug/Kg	☼		02/20/15 06:27	1
trans-1,2-Dichloroethene	<6.2		6.2	0.85	ug/Kg	☼		02/20/15 06:27	1
trans-1,3-Dichloropropene	<6.2		6.2	1.1	ug/Kg	☼		02/20/15 06:27	1
1,1,1-Trichloroethane	<6.2		6.2	0.92	ug/Kg	☼		02/20/15 06:27	1
1,1,2-Trichloroethane	<6.2		6.2	0.84	ug/Kg	☼		02/20/15 06:27	1
Trichloroethene	<6.2		6.2	1.0	ug/Kg	☼		02/20/15 06:27	1
Vinyl chloride	<6.2		6.2	1.3	ug/Kg	☼		02/20/15 06:27	1
Xylenes, Total	<12		12	0.56	ug/Kg	☼		02/20/15 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 122*		*02/20/15 06:27*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/20/15 06:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 134*		*02/20/15 06:27*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/20/15 06:27*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	43	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
1,2-Dichlorobenzene	<200		200	48	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
1,3-Dichlorobenzene	<200		200	45	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
1,4-Dichlorobenzene	<200		200	51	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,2'-oxybis[1-chloropropane]	<200		200	46	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(5-10)-021815
Date Collected: 02/18/15 14:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-12
Matrix: Solid
Percent Solids: 81.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<400		400	91	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,4,6-Trichlorophenol	<400		400	140	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,4-Dichlorophenol	<400		400	95	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,4-Dimethylphenol	<400		400	150	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,4-Dinitrophenol	<810		810	700	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,4-Dinitrotoluene	<200		200	64	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2,6-Dinitrotoluene	<200		200	79	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Chloronaphthalene	<200		200	44	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Chlorophenol	<200		200	68	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Methylnaphthalene	**11**	**J**	40	7.4	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Methylphenol	<200		200	64	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Nitroaniline	<200		200	54	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
2-Nitrophenol	<400		400	95	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
3 & 4 Methylphenol	<200		200	67	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
3,3'-Dichlorobenzidine	<200		200	56	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
3-Nitroaniline	<400		400	120	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4,6-Dinitro-2-methylphenol	<400		400	320	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Bromophenyl phenyl ether	<200		200	53	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Chloro-3-methylphenol	<400		400	140	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Chloroaniline	<810		810	190	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Chlorophenyl phenyl ether	<200		200	47	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Nitroaniline	<400		400	170	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
4-Nitrophenol	<810		810	380	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Acenaphthene	**15**	**J**	40	7.2	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Acenaphthylene	**8.8**	**J**	40	5.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Anthracene	**53**		40	6.7	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Benzo[a]anthracene	**160**		40	5.4	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Benzo[a]pyrene	**130**		40	7.7	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Benzo[b]fluoranthene	**170**		40	8.6	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Benzo[g,h,i]perylene	**79**		40	13	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Benzo[k]fluoranthene	**82**		40	12	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Bis(2-chloroethoxy)methane	<200		200	41	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Bis(2-chloroethyl)ether	<200		200	60	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Bis(2-ethylhexyl) phthalate	<200		200	73	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Butyl benzyl phthalate	<200		200	76	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Carbazole	<200		200	100	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Chrysene	**150**		40	11	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Dibenz(a,h)anthracene	**41**		40	7.7	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Dibenzofuran	<200		200	47	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Diethyl phthalate	<200		200	68	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Dimethyl phthalate	<200		200	52	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Di-n-butyl phthalate	<200		200	61	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Di-n-octyl phthalate	<200		200	65	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Fluoranthene	**330**		40	7.4	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Fluorene	**29**	**J**	40	5.6	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Hexachlorobenzene	<81		81	9.3	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Hexachlorobutadiene	<200		200	63	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Hexachlorocyclopentadiene	<810		810	230	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Hexachloroethane	<200		200	61	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(5-10)-021815
Date Collected: 02/18/15 14:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-12
Matrix: Solid
Percent Solids: 81.0

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	82		40	10	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Isophorone	<200		200	45	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Naphthalene	18	J	40	6.2	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Nitrobenzene	<40		40	10	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
N-Nitrosodi-n-propylamine	<200		200	49	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
N-Nitrosodiphenylamine	<200		200	47	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Pentachlorophenol	<810		810	640	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Phenanthrene	210		40	5.6	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Phenol	<200		200	89	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1
Pyrene	260		40	7.9	ug/Kg	☼	02/20/15 07:11	02/23/15 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*35 - 137*	*02/20/15 07:11*	*02/23/15 15:45*	*1*
2-Fluorobiphenyl	*57*		*25 - 119*	*02/20/15 07:11*	*02/23/15 15:45*	*1*
2-Fluorophenol	*50*		*25 - 110*	*02/20/15 07:11*	*02/23/15 15:45*	*1*
Nitrobenzene-d5	*53*		*25 - 115*	*02/20/15 07:11*	*02/23/15 15:45*	*1*
Phenol-d5	*54*		*31 - 110*	*02/20/15 07:11*	*02/23/15 15:45*	*1*
Terphenyl-d14	*68*		*36 - 134*	*02/20/15 07:11*	*02/23/15 15:45*	*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		02/26/15 09:40	02/26/15 21:15	1
Barium	0.42	J	0.50	0.050	mg/L		02/26/15 09:40	02/26/15 21:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 21:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 21:15	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Cobalt	0.023	J	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Copper	0.077		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 21:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 21:15	1
Manganese	5.0		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Nickel	0.020	J	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 21:15	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:15	1
Zinc	0.058	J	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 21:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.048	J	0.050	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Barium	0.61		0.50	0.050	mg/L		02/25/15 10:15	02/26/15 04:57	1
Beryllium	0.0053		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 04:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 04:57	1
Chromium	0.12		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Cobalt	0.049		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Copper	0.17		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Iron	120		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 04:57	1
Lead	0.10		0.038	0.038	mg/L		02/25/15 10:15	02/26/15 17:33	5
Manganese	1.0		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Nickel	0.14		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 04:57	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 04:57	1

Client Sample ID: RV-7(5-10)-021815
Date Collected: 02/18/15 14:40
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-12
Matrix: Solid

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		02/25/15 10:15	02/26/15 04:57	1
Zinc	**0.47**	**B**	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 04:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.57**	**J B**	1.2	0.25	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Arsenic	**4.9**		0.59	0.27	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Barium	**57**		0.59	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Beryllium	**0.61**		0.24	0.051	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Cadmium	**0.26**		0.12	0.034	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Calcium	**84000**		120	38	mg/Kg	☼	02/19/15 16:59	02/24/15 21:01	10
Chromium	**17**		0.59	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Cobalt	**8.9**		0.30	0.067	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Copper	**18**		0.59	0.13	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Iron	**17000**		12	4.6	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Lead	**8.2**		0.30	0.15	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Magnesium	**34000**		5.9	2.4	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Manganese	**460**		0.59	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Nickel	**22**		0.59	0.16	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Potassium	**3100**		30	4.8	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Selenium	<0.59		0.59	0.29	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Silver	<0.30		0.30	0.069	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Sodium	**1600**		59	7.8	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Thallium	**0.66**		0.59	0.29	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Vanadium	**19**		0.30	0.087	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1
Zinc	**41**	**B**	1.2	0.38	mg/Kg	☼	02/19/15 16:59	02/23/15 16:36	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 09:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:36	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**		20	7.0	ug/Kg	☼	02/20/15 14:30	02/23/15 11:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.05**		0.200	0.200	SU			02/23/15 13:18	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(10-15)-021815
Date Collected: 02/18/15 14:45
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-13
Matrix: Solid
Percent Solids: 83.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.0		6.0	2.6	ug/Kg	☼		02/20/15 06:52	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		02/20/15 06:52	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/20/15 06:52	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		02/20/15 06:52	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		02/20/15 06:52	1
Carbon disulfide	<6.0		6.0	0.89	ug/Kg	☼		02/20/15 06:52	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		02/20/15 06:52	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		02/20/15 06:52	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		02/20/15 06:52	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		02/20/15 06:52	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		02/20/15 06:52	1
cis-1,2-Dichloroethene	<6.0		6.0	0.84	ug/Kg	☼		02/20/15 06:52	1
cis-1,3-Dichloropropene	<6.0		6.0	0.78	ug/Kg	☼		02/20/15 06:52	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/20/15 06:52	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		02/20/15 06:52	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/20/15 06:52	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		02/20/15 06:52	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		02/20/15 06:52	1
1,3-Dichloropropene, Total	<6.0		6.0	0.78	ug/Kg	☼		02/20/15 06:52	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		02/20/15 06:52	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		02/20/15 06:52	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		02/20/15 06:52	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		02/20/15 06:52	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		02/20/15 06:52	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		02/20/15 06:52	1
Styrene	<6.0		6.0	0.78	ug/Kg	☼		02/20/15 06:52	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		02/20/15 06:52	1
Tetrachloroethene	<6.0		6.0	0.91	ug/Kg	☼		02/20/15 06:52	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		02/20/15 06:52	1
trans-1,2-Dichloroethene	<6.0		6.0	0.82	ug/Kg	☼		02/20/15 06:52	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		02/20/15 06:52	1
1,1,1-Trichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/20/15 06:52	1
1,1,2-Trichloroethane	<6.0		6.0	0.81	ug/Kg	☼		02/20/15 06:52	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		02/20/15 06:52	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		02/20/15 06:52	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		02/20/15 06:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/20/15 06:52*	*1*
Dibromofluoromethane	*83*		*75 - 120*		*02/20/15 06:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*83*		*70 - 134*		*02/20/15 06:52*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*02/20/15 06:52*	*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	☼	02/20/15 07:11	02/23/15 16:05	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(10-15)-021815
Date Collected: 02/18/15 14:45
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-13
Matrix: Solid
Percent Solids: 83.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,4-Dinitrophenol	<770		770	680	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Methylnaphthalene	<38		38	7.1	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
4-Nitrophenol	<770		770	370	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Anthracene	**8.5**	**J**	38	6.4	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Benzo[a]anthracene	**24**	**J**	38	5.2	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Benzo[a]pyrene	**19**	**J**	38	7.4	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Benzo[b]fluoranthene	**23**	**J**	38	8.3	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Carbazole	<190		190	99	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Chrysene	**29**	**J**	38	10	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Fluoranthene	**44**		38	7.1	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(10-15)-021815
Date Collected: 02/18/15 14:45
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-13
Matrix: Solid
Percent Solids: 83.7

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	<38		38	9.9	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Isophorone	<190		190	43	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Pentachlorophenol	<770		770	620	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Phenanthrene	**28**	**J**	38	5.3	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Phenol	<190		190	85	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1
Pyrene	**36**	**J**	38	7.6	ug/Kg	☼	02/20/15 07:11	02/23/15 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*60*		*35 - 137*	*02/20/15 07:11*	*02/23/15 16:05*	*1*
2-Fluorobiphenyl	*61*		*25 - 119*	*02/20/15 07:11*	*02/23/15 16:05*	*1*
2-Fluorophenol	*54*		*25 - 110*	*02/20/15 07:11*	*02/23/15 16:05*	*1*
Nitrobenzene-d5	*57*		*25 - 115*	*02/20/15 07:11*	*02/23/15 16:05*	*1*
Phenol-d5	*58*		*31 - 110*	*02/20/15 07:11*	*02/23/15 16:05*	*1*
Terphenyl-d14	*72*		*36 - 134*	*02/20/15 07:11*	*02/23/15 16:05*	*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		02/26/15 09:40	02/26/15 21:21	1
Barium	**0.69**		0.50	0.050	mg/L		02/26/15 09:40	02/26/15 21:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/15 09:40	02/26/15 21:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/15 09:40	02/26/15 21:21	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Cobalt	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Copper	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Iron	<0.20		0.20	0.20	mg/L		02/26/15 09:40	02/26/15 21:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/15 09:40	02/26/15 21:21	1
Manganese	**1.9**		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Nickel	**0.012**	**J**	0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Selenium	<0.050		0.050	0.020	mg/L		02/26/15 09:40	02/26/15 21:21	1
Silver	<0.025		0.025	0.010	mg/L		02/26/15 09:40	02/26/15 21:21	1
Zinc	**0.033**	**J**	0.10	0.020	mg/L		02/26/15 09:40	02/26/15 21:21	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		02/25/15 10:15	02/26/15 05:04	1
Barium	**0.26**	**J**	0.50	0.050	mg/L		02/25/15 10:15	02/26/15 05:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/25/15 10:15	02/26/15 05:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/25/15 10:15	02/26/15 05:04	1
Chromium	**0.019**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 05:04	1
Cobalt	<0.025		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 05:04	1
Copper	**0.020**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 05:04	1
Iron	**9.8**		0.20	0.20	mg/L		02/25/15 10:15	02/26/15 05:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/25/15 10:15	02/26/15 14:51	1
Manganese	**0.12**		0.025	0.010	mg/L		02/25/15 10:15	02/26/15 05:04	1
Nickel	**0.014**	**J**	0.025	0.010	mg/L		02/25/15 10:15	02/26/15 05:04	1
Selenium	<0.050		0.050	0.020	mg/L		02/25/15 10:15	02/26/15 05:04	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

Client Sample ID: RV-7(10-15)-021815
Date Collected: 02/18/15 14:45
Date Received: 02/19/15 07:15

Lab Sample ID: 500-92398-13
Matrix: Solid

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		02/25/15 10:15	02/26/15 05:04	1
Zinc	0.18	B	0.10	0.020	mg/L		02/25/15 10:15	02/26/15 05:04	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.39	J B	1.1	0.24	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Arsenic	5.7		0.57	0.26	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Barium	29		0.57	0.10	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Beryllium	0.65		0.23	0.050	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Cadmium	0.32		0.11	0.033	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Calcium	96000		110	37	mg/Kg	☼	02/19/15 16:59	02/24/15 21:05	10
Chromium	18		0.57	0.098	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Cobalt	11		0.29	0.065	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Copper	19		0.57	0.12	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Iron	17000		11	4.4	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Lead	7.7		0.29	0.14	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Magnesium	34000		5.7	2.3	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Manganese	450		0.57	0.11	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Nickel	22		0.57	0.16	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Potassium	3400		29	4.7	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Silver	<0.29		0.29	0.067	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Sodium	920		57	7.6	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Thallium	0.60		0.57	0.28	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Vanadium	20		0.29	0.084	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1
Zinc	35	B	1.1	0.36	mg/Kg	☼	02/19/15 16:59	02/23/15 16:42	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/26/15 12:00	02/27/15 09:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		02/25/15 12:00	02/26/15 12:38	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	16	J	19	6.7	ug/Kg	☼	02/20/15 14:30	02/23/15 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.76		0.200	0.200	SU			02/23/15 13:22	1

Qualifiers

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
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

Glossary

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

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92398-1

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 ENVIRONMENTA

2417 Bond Street, University Park, IL 6
Phone: 708.534.5200 Fax: 708.53

500-92398 COC

(optional)

Report To
Contact: S. Babusivumar
Company: Weston Solutions
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

(optional)

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

Chain of Custody Record

Lab Job #: 500-92398
Chain of Custody Number:
Page 1 of 2
Temperature °C of Cooler: 3.2

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Strow
Lab PM: D. Wright

Preservative: 7 | 7 | 7 | 7 | 7
Parameter: VOCs | SVOCs | Total Metals | TCLP/SPLP Metals | PH

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	PH	Comments
1		RV-1 (0-5)-021815	2/18/15	1235	2	S	X	X	X	X	X	
2		RV-1 (5-10)-021815		1240								
3		RV-3 (0-2)-021815		1305								
4		RV-5 (0-5)-021815		1315								
5		RV-5 (5-10)-021815		1320								
6		RV-5 (5-10)-021815D		1320								
7		RV-5 (10-16.5)-021815		1325								
8		RV-6 (0-5)-021815		1405								
9		RV-6 (5-10)-021815		1410								
10		RV-6 (10-15)-021815		1415								

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)

	Company	Date	Time
Relinquished By: M. Strow	Weston	2/18/15	1500
Relinquished By:	TA	2/18/15	1645
Relinquished By:	Company	Date	Time
Received By:	Company	Date	Time
Received By:	TA	2/18/15	1500
Received By:	TA-Ltt	2/19/15	0715
Received By:	Company	Date	Time

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-590 (1209)

2/27/2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

(optional)
Report To
Contact: S. Babusukumar
Company: Weston
Address: 300 Plaza Circle Ste. 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-92398

Chain of Custody Number:

Page ~~8~~ of ~~8~~ 2 of 2 MA

Temperature °C of Cooler:

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Strow
Lab PM: D. Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	Total Metals (Pres. 7)	TCLP/SPLP Metals (Pres. 7)	pH (Pres. 7)	Comments
11		RV-7 (0-5)-021815	2/18/15	1435	2	S	X	X	X	X	X	
12		RV-7 (5-10)-021815	↓	1440	↓	↓	↓	↓	↓	↓	↓	
13		RV-7 (10-15)-021815	↓	1445	↓	↓	↓	↓	↓	↓	↓	

M. Strow 2/18/15 MA

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
M. Strow	Weston	2/18/15	1500	[signature]	TA	2/18/15	1500
[signature]	TA	2/18/15	1645	Sherri Scott	TA-CHI	2/19/15	0715

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-500 (1208)

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: 500-92501-1
Client Project/Site: IDOT - Winnetka - WO 007

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/3/2015 4:51:03 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-7
Matrix: Solid
Percent Solids: 84.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.6	ug/Kg	☼		02/23/15 14:55	1
Benzene	<5.9		5.9	0.82	ug/Kg	☼		02/23/15 14:55	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 14:55	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/23/15 14:55	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/23/15 14:55	1
Carbon disulfide	<5.9		5.9	0.89	ug/Kg	☼		02/23/15 14:55	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 14:55	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/23/15 14:55	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 14:55	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/23/15 14:55	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 14:55	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		02/23/15 14:55	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 14:55	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 14:55	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		02/23/15 14:55	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/23/15 14:55	1
1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		02/23/15 14:55	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		02/23/15 14:55	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 14:55	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 14:55	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/23/15 14:55	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 14:55	1
Methyl Ethyl Ketone	<5.9		5.9	2.2	ug/Kg	☼		02/23/15 14:55	1
methyl isobutyl ketone	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 14:55	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		02/23/15 14:55	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 14:55	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 14:55	1
Tetrachloroethene	<5.9		5.9	0.91	ug/Kg	☼		02/23/15 14:55	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		02/23/15 14:55	1
trans-1,2-Dichloroethene	<5.9		5.9	0.82	ug/Kg	☼		02/23/15 14:55	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 14:55	1
1,1,1-Trichloroethane	<5.9		5.9	0.89	ug/Kg	☼		02/23/15 14:55	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		02/23/15 14:55	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		02/23/15 14:55	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 14:55	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		02/23/15 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 122*		*02/23/15 14:55*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*02/23/15 14:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/23/15 14:55*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/23/15 14:55*	*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	☼	02/24/15 07:04	03/01/15 18:43	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-7
Matrix: Solid
Percent Solids: 84.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Chlorophenol	<200		200	67	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Methylnaphthalene	<39		39	7.2	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Methylphenol	<200		200	63	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Nitroaniline	<200		200	52	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
2-Nitrophenol	<390		390	92	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Bromophenyl phenyl ether	<200		200	51	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Acenaphthene	**18**	**J**	39	7.0	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Acenaphthylene	**27**	**J**	39	5.1	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Anthracene	**160**		39	6.5	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Benzo[a]anthracene	**510**		39	5.2	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Benzo[a]pyrene	**440**		39	7.5	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Benzo[b]fluoranthene	**580**		39	8.4	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Benzo[g,h,i]perylene	**250**		39	13	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Benzo[k]fluoranthene	**230**		39	11	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Bis(2-chloroethyl)ether	<200		200	58	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Bis(2-ethylhexyl) phthalate	<200		200	71	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Butyl benzyl phthalate	<200		200	74	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Carbazole	<200		200	100	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Chrysene	**440**		39	11	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Dibenz(a,h)anthracene	**85**		39	7.5	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Dibenzofuran	<200		200	46	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Di-n-butyl phthalate	<200		200	59	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Fluoranthene	**910**		39	7.2	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Fluorene	**43**		39	5.5	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Hexachlorobenzene	<79		79	9.0	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Hexachlorobutadiene	<200		200	61	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Hexachlorocyclopentadiene	<790		790	220	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Hexachloroethane	<200		200	59	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-7
Matrix: Solid
Percent Solids: 84.0

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	240		39	10	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Isophorone	<200		200	44	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Naphthalene	8.2	J	39	6.0	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Nitrobenzene	<39		39	9.7	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Pentachlorophenol	<790		790	630	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Phenanthrene	350		39	5.4	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Phenol	<200		200	87	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1
Pyrene	700		39	7.7	ug/Kg	☼	02/24/15 07:04	03/01/15 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*55*		*35 - 137*	*02/24/15 07:04*	*03/01/15 18:43*	*1*
2-Fluorobiphenyl	*45*		*25 - 119*	*02/24/15 07:04*	*03/01/15 18:43*	*1*
2-Fluorophenol	*40*		*25 - 110*	*02/24/15 07:04*	*03/01/15 18:43*	*1*
Nitrobenzene-d5	*37*		*25 - 115*	*02/24/15 07:04*	*03/01/15 18:43*	*1*
Phenol-d5	*39*		*31 - 110*	*02/24/15 07:04*	*03/01/15 18:43*	*1*
Terphenyl-d14	*57*		*36 - 134*	*02/24/15 07:04*	*03/01/15 18:43*	*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		02/28/15 12:08	02/28/15 18:35	1
Barium	0.45	J	0.50	0.050	mg/L		02/28/15 12:08	02/28/15 18:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:08	02/28/15 18:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:08	02/28/15 18:35	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Cobalt	0.012	J	0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Copper	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:08	02/28/15 18:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:08	02/28/15 18:35	1
Manganese	2.3		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Nickel	0.013	J	0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:08	02/28/15 18:35	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:35	1
Zinc	0.051	J	0.10	0.020	mg/L		02/28/15 12:08	02/28/15 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.069		0.050	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Barium	0.82		0.50	0.050	mg/L		02/28/15 12:12	03/01/15 15:11	1
Beryllium	0.0086		0.0040	0.0040	mg/L		02/28/15 12:12	03/01/15 15:11	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		02/28/15 12:12	03/01/15 15:11	1
Chromium	0.23		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Cobalt	0.12		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Copper	0.29		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Iron	230		0.20	0.20	mg/L		02/28/15 12:12	03/01/15 15:11	1
Lead	0.18		0.038	0.038	mg/L		02/28/15 12:12	03/01/15 17:21	5
Manganese	2.0		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Nickel	0.33		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:11	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:12	03/01/15 15:11	1

Client Sample ID: RV-11(0-6)-022015
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-7
Matrix: Solid

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		02/28/15 12:12	03/01/15 15:11	1
Zinc	**0.68**	**B**	0.10	0.020	mg/L		02/28/15 12:12	03/01/15 15:11	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.39**	**J**	1.2	0.25	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Arsenic	**4.1**		0.59	0.27	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Barium	**49**		0.59	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Beryllium	**0.75**		0.24	0.051	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Cadmium	**0.16**		0.12	0.034	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Calcium	**38000**		12	3.8	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Chromium	**20**		0.59	0.10	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Cobalt	**8.8**		0.30	0.067	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Copper	**17**		0.59	0.13	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Iron	**17000**		12	4.6	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Lead	**9.5**		0.30	0.15	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Magnesium	**21000**		5.9	2.4	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Manganese	**290**		0.59	0.12	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Nickel	**22**		0.59	0.16	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Potassium	**3100**		30	4.8	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Selenium	<0.59		0.59	0.29	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Silver	<0.30		0.30	0.069	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Sodium	**2800**		59	7.8	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Thallium	**0.46**	**J**	0.59	0.29	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Vanadium	**26**		0.30	0.087	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1
Zinc	**42**	**B**	1.2	0.38	mg/Kg	☼	02/23/15 17:12	02/25/15 15:31	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 09:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 10:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**21**		17	6.1	ug/Kg	☼	02/24/15 14:30	02/25/15 11:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.34**		0.200	0.200	SU			02/24/15 14:32	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015D
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-8
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/23/15 15:19	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/23/15 15:19	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 15:19	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/23/15 15:19	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/23/15 15:19	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/23/15 15:19	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 15:19	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/23/15 15:19	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 15:19	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/23/15 15:19	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:19	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/23/15 15:19	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/23/15 15:19	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 15:19	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/23/15 15:19	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/23/15 15:19	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/23/15 15:19	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/23/15 15:19	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/23/15 15:19	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:19	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/23/15 15:19	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 15:19	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/23/15 15:19	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/23/15 15:19	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/23/15 15:19	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/23/15 15:19	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:19	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/23/15 15:19	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/23/15 15:19	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/23/15 15:19	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 15:19	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/23/15 15:19	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/23/15 15:19	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/23/15 15:19	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:19	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/23/15 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/23/15 15:19*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/23/15 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 134*		*02/23/15 15:19*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/23/15 15:19*	*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	☼	02/24/15 07:04	03/03/15 13:38	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015D
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-8
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Methylnaphthalene	**10**	**J**	38	7.0	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Acenaphthene	**36**	**J**	38	6.9	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Acenaphthylene	**60**		38	5.0	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Anthracene	**320**		38	6.4	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Benzo[a]anthracene	**1100**		38	5.1	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Benzo[a]pyrene	**880**		38	7.4	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Benzo[b]fluoranthene	**1100**		38	8.2	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Benzo[g,h,i]perylene	**500**		38	12	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Benzo[k]fluoranthene	**500**		38	11	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Carbazole	<190		190	98	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Chrysene	**1000**		38	10	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Dibenz(a,h)anthracene	**170**		38	7.4	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Fluoranthene	**1800**		38	7.1	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Fluorene	**84**		38	5.4	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(0-6)-022015D
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-8
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	500		38	9.9	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Naphthalene	13	J	38	5.9	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Phenanthrene	580		38	5.3	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Phenol	<190		190	85	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1
Pyrene	1500		38	7.6	ug/Kg	☼	02/24/15 07:04	03/03/15 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*49*		*35 - 137*	*02/24/15 07:04*	*03/03/15 13:38*	*1*
2-Fluorobiphenyl	*44*		*25 - 119*	*02/24/15 07:04*	*03/03/15 13:38*	*1*
2-Fluorophenol	*42*		*25 - 110*	*02/24/15 07:04*	*03/03/15 13:38*	*1*
Nitrobenzene-d5	*39*		*25 - 115*	*02/24/15 07:04*	*03/03/15 13:38*	*1*
Phenol-d5	*48*		*31 - 110*	*02/24/15 07:04*	*03/03/15 13:38*	*1*
Terphenyl-d14	*63*		*36 - 134*	*02/24/15 07:04*	*03/03/15 13:38*	*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		02/28/15 12:08	02/28/15 18:42	1
Barium	0.43	J	0.50	0.050	mg/L		02/28/15 12:08	02/28/15 18:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:08	02/28/15 18:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:08	02/28/15 18:42	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Cobalt	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Copper	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:08	02/28/15 18:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:08	02/28/15 18:42	1
Manganese	0.88		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Nickel	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:08	02/28/15 18:42	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:42	1
Zinc	0.020	J	0.10	0.020	mg/L		02/28/15 12:08	02/28/15 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.049	J	0.050	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Barium	0.59		0.50	0.050	mg/L		02/28/15 12:12	03/01/15 15:16	1
Beryllium	0.0065		0.0040	0.0040	mg/L		02/28/15 12:12	03/01/15 15:16	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		02/28/15 12:12	03/01/15 15:16	1
Chromium	0.17		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Cobalt	0.082		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Copper	0.20		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Iron	170		0.20	0.20	mg/L		02/28/15 12:12	03/01/15 15:16	1
Lead	0.11		0.038	0.038	mg/L		02/28/15 12:12	03/01/15 17:25	5
Manganese	1.5		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Nickel	0.23		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:16	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:12	03/01/15 15:16	1

Client Sample ID: RV-11(0-6)-022015D
Date Collected: 02/20/15 10:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-8
Matrix: Solid

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		02/28/15 12:12	03/01/15 15:16	1
Zinc	**0.48**	**B**	0.10	0.020	mg/L		02/28/15 12:12	03/01/15 15:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.27**	**J**	1.2	0.24	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Arsenic	**4.5**		0.58	0.27	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Barium	**37**		0.58	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Beryllium	**0.66**		0.23	0.050	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Cadmium	**0.17**		0.12	0.033	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Calcium	**54000**		12	3.7	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Chromium	**18**		0.58	0.099	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Cobalt	**8.0**		0.29	0.065	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Copper	**18**		0.58	0.13	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Iron	**16000**		12	4.5	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Lead	**8.6**		0.29	0.14	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Magnesium	**28000**		5.8	2.3	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Manganese	**380**		0.58	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Nickel	**21**		0.58	0.16	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Potassium	**3200**		29	4.7	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Selenium	<0.58		0.58	0.29	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Silver	<0.29		0.29	0.068	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Sodium	**2400**		58	7.6	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Thallium	**0.63**		0.58	0.28	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Vanadium	**22**		0.29	0.084	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1
Zinc	**37**	**B**	1.2	0.37	mg/Kg	☼	02/23/15 17:12	02/25/15 15:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 09:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 10:08	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	5.9	ug/Kg	☼	02/24/15 14:30	02/25/15 11:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.35**		0.200	0.200	SU			02/24/15 14:35	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(6-12)-022015
Date Collected: 02/20/15 10:50
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-9
Matrix: Solid
Percent Solids: 84.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.6	ug/Kg	☼		02/23/15 15:43	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/23/15 15:43	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 15:43	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/23/15 15:43	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/23/15 15:43	1
Carbon disulfide	<5.9		5.9	0.89	ug/Kg	☼		02/23/15 15:43	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 15:43	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/23/15 15:43	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 15:43	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/23/15 15:43	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:43	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		02/23/15 15:43	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 15:43	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/23/15 15:43	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		02/23/15 15:43	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/23/15 15:43	1
1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		02/23/15 15:43	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		02/23/15 15:43	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 15:43	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:43	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/23/15 15:43	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 15:43	1
Methyl Ethyl Ketone	<5.9		5.9	2.2	ug/Kg	☼		02/23/15 15:43	1
methyl isobutyl ketone	<5.9		5.9	1.6	ug/Kg	☼		02/23/15 15:43	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		02/23/15 15:43	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		02/23/15 15:43	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:43	1
Tetrachloroethene	<5.9		5.9	0.91	ug/Kg	☼		02/23/15 15:43	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		02/23/15 15:43	1
trans-1,2-Dichloroethene	<5.9		5.9	0.82	ug/Kg	☼		02/23/15 15:43	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/23/15 15:43	1
1,1,1-Trichloroethane	<5.9		5.9	0.89	ug/Kg	☼		02/23/15 15:43	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		02/23/15 15:43	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		02/23/15 15:43	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/23/15 15:43	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		02/23/15 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/23/15 15:43*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/23/15 15:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/23/15 15:43*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/23/15 15:43*	*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	☼	02/24/15 07:04	02/26/15 13:56	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-11(6-12)-022015
Date Collected: 02/20/15 10:50
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-9
Matrix: Solid
Percent Solids: 84.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Methylnaphthalene	**11**	**J**	38	7.0	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Acenaphthene	**33**	**J**	38	6.9	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Acenaphthylene	**23**	**J**	38	5.0	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Anthracene	**300**		38	6.4	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Benzo[a]anthracene	**920**		38	5.1	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Benzo[a]pyrene	**800**		38	7.4	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Benzo[b]fluoranthene	**1100**		38	8.3	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Benzo[g,h,i]perylene	**430**		38	12	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Benzo[k]fluoranthene	**480**		38	11	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Carbazole	<190		190	99	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Chrysene	**860**		38	10	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Fluoranthene	**1500**		38	7.1	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Fluorene	**93**		38	5.4	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1

Client Sample ID: RV-11(6-12)-022015
Date Collected: 02/20/15 10:50
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-9
Matrix: Solid
Percent Solids: 84.2

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	410		38	9.9	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Naphthalene	9.9	J	38	5.9	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Phenanthrene	720		38	5.3	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Phenol	<190		190	85	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1
Pyrene	2600		38	7.6	ug/Kg	☼	02/24/15 07:04	02/26/15 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*48*		*35 - 137*	*02/24/15 07:04*	*02/26/15 13:56*	*1*
2-Fluorobiphenyl	*44*		*25 - 119*	*02/24/15 07:04*	*02/26/15 13:56*	*1*
2-Fluorophenol	*38*		*25 - 110*	*02/24/15 07:04*	*02/26/15 13:56*	*1*
Nitrobenzene-d5	*33*		*25 - 115*	*02/24/15 07:04*	*02/26/15 13:56*	*1*
Phenol-d5	*43*		*31 - 110*	*02/24/15 07:04*	*02/26/15 13:56*	*1*
Terphenyl-d14	*110*		*36 - 134*	*02/24/15 07:04*	*02/26/15 13:56*	*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		02/28/15 12:08	02/28/15 18:48	1
Barium	0.47	J	0.50	0.050	mg/L		02/28/15 12:08	02/28/15 18:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:08	02/28/15 18:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:08	02/28/15 18:48	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Cobalt	0.054		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Copper	0.014	J	0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:08	02/28/15 18:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:08	02/28/15 18:48	1
Manganese	5.0		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Nickel	0.050		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:08	02/28/15 18:48	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 18:48	1
Zinc	0.049	J	0.10	0.020	mg/L		02/28/15 12:08	02/28/15 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Barium	0.30	J	0.50	0.050	mg/L		02/28/15 12:12	03/01/15 15:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:12	03/01/15 15:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:12	03/01/15 15:21	1
Chromium	0.071		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Cobalt	0.033		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Copper	0.094		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Iron	56		0.20	0.20	mg/L		02/28/15 12:12	03/01/15 15:21	1
Lead	<0.038		0.038	0.038	mg/L		02/28/15 12:12	03/01/15 17:29	5
Manganese	0.70		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Nickel	0.087		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:21	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:12	03/01/15 15:21	1

Client Sample ID: RV-11(6-12)-022015
Date Collected: 02/20/15 10:50
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-9
Matrix: Solid

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		02/28/15 12:12	03/01/15 15:21	1
Zinc	**0.18**	**B**	0.10	0.020	mg/L		02/28/15 12:12	03/01/15 15:21	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.36**	**J**	1.2	0.24	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Arsenic	**5.1**		0.58	0.27	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Barium	**65**		0.58	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Beryllium	**0.68**		0.23	0.050	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Cadmium	**0.21**		0.12	0.034	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Calcium	**86000**		120	38	mg/Kg	☼	02/23/15 17:12	02/25/15 17:35	10
Chromium	**19**		0.58	0.10	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Cobalt	**7.8**		0.29	0.066	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Copper	**18**		0.58	0.13	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Iron	**17000**		12	4.5	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Lead	**8.0**		0.29	0.15	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Magnesium	**32000**		5.8	2.4	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Manganese	**390**		0.58	0.12	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Nickel	**22**		0.58	0.16	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Potassium	**3400**		29	4.8	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Selenium	<0.58		0.58	0.29	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Silver	<0.29		0.29	0.068	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Sodium	**1400**		58	7.7	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Thallium	**0.71**		0.58	0.29	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Vanadium	**22**		0.29	0.085	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1
Zinc	**36**	**B**	1.2	0.37	mg/Kg	☼	02/23/15 17:12	02/25/15 15:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 09:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 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	**16**	**J**	18	6.2	ug/Kg	☼	02/24/15 14:30	02/25/15 11:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.98**		0.200	0.200	SU			02/24/15 14:39	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(0-5)-022015
Date Collected: 02/20/15 12:05
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-11
Matrix: Solid
Percent Solids: 83.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	15		6.0	2.6	ug/Kg	☼		02/23/15 16:32	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		02/23/15 16:32	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/23/15 16:32	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		02/23/15 16:32	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		02/23/15 16:32	1
Carbon disulfide	<6.0		6.0	0.89	ug/Kg	☼		02/23/15 16:32	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		02/23/15 16:32	1
Chlorobenzene	<6.0		6.0	0.60	ug/Kg	☼		02/23/15 16:32	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		02/23/15 16:32	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		02/23/15 16:32	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		02/23/15 16:32	1
cis-1,2-Dichloroethene	<6.0		6.0	0.84	ug/Kg	☼		02/23/15 16:32	1
cis-1,3-Dichloropropene	<6.0		6.0	0.78	ug/Kg	☼		02/23/15 16:32	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/23/15 16:32	1
1,1-Dichloroethane	<6.0		6.0	0.94	ug/Kg	☼		02/23/15 16:32	1
1,2-Dichloroethane	<6.0		6.0	0.88	ug/Kg	☼		02/23/15 16:32	1
1,1-Dichloroethene	<6.0		6.0	0.96	ug/Kg	☼		02/23/15 16:32	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		02/23/15 16:32	1
1,3-Dichloropropene, Total	<6.0		6.0	0.78	ug/Kg	☼		02/23/15 16:32	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		02/23/15 16:32	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		02/23/15 16:32	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		02/23/15 16:32	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		02/23/15 16:32	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		02/23/15 16:32	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		02/23/15 16:32	1
Styrene	<6.0		6.0	0.78	ug/Kg	☼		02/23/15 16:32	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		02/23/15 16:32	1
Tetrachloroethene	<6.0		6.0	0.91	ug/Kg	☼		02/23/15 16:32	1
Toluene	<6.0		6.0	0.83	ug/Kg	☼		02/23/15 16:32	1
trans-1,2-Dichloroethene	<6.0		6.0	0.82	ug/Kg	☼		02/23/15 16:32	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		02/23/15 16:32	1
1,1,1-Trichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/23/15 16:32	1
1,1,2-Trichloroethane	<6.0		6.0	0.81	ug/Kg	☼		02/23/15 16:32	1
Trichloroethene	<6.0		6.0	0.98	ug/Kg	☼		02/23/15 16:32	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		02/23/15 16:32	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		02/23/15 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/23/15 16:32*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/23/15 16:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/23/15 16:32*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*02/23/15 16:32*	*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	☼	02/24/15 07:04	02/26/15 14:32	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(0-5)-022015
Date Collected: 02/20/15 12:05
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-11
Matrix: Solid
Percent Solids: 83.9

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	86	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Methylnaphthalene	**15**	**J**	37	6.9	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Acenaphthene	**13**	**J**	37	6.8	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Acenaphthylene	**12**	**J**	37	5.0	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Anthracene	**57**		37	6.3	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Benzo[a]anthracene	**100**		37	5.1	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Benzo[a]pyrene	**92**		37	7.3	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Benzo[b]fluoranthene	**130**		37	8.1	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Benzo[g,h,i]perylene	**62**		37	12	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Benzo[k]fluoranthene	**44**		37	11	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Carbazole	<190		190	97	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Chrysene	**96**		37	10	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Dibenz(a,h)anthracene	<37		37	7.3	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Fluoranthene	**200**		37	7.0	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Fluorene	**44**		37	5.3	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(0-5)-022015
Date Collected: 02/20/15 12:05
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-11
Matrix: Solid
Percent Solids: 83.9

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	50		37	9.7	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Isophorone	<190		190	42	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Naphthalene	33	J	37	5.8	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Phenanthrene	210		37	5.2	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Phenol	<190		190	83	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1
Pyrene	330		37	7.5	ug/Kg	☼	02/24/15 07:04	02/26/15 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*54*		*35 - 137*	*02/24/15 07:04*	*02/26/15 14:32*	*1*
2-Fluorobiphenyl	*48*		*25 - 119*	*02/24/15 07:04*	*02/26/15 14:32*	*1*
2-Fluorophenol	*43*		*25 - 110*	*02/24/15 07:04*	*02/26/15 14:32*	*1*
Nitrobenzene-d5	*38*		*25 - 115*	*02/24/15 07:04*	*02/26/15 14:32*	*1*
Phenol-d5	*46*		*31 - 110*	*02/24/15 07:04*	*02/26/15 14:32*	*1*
Terphenyl-d14	*115*		*36 - 134*	*02/24/15 07:04*	*02/26/15 14:32*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Barium	0.35	J	0.50	0.050	mg/L		02/28/15 12:08	02/28/15 19:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:08	02/28/15 19:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:08	02/28/15 19:00	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Cobalt	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Copper	0.017	J	0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:08	02/28/15 19:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:08	02/28/15 19:00	1
Manganese	0.032		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Nickel	0.011	J	0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:08	02/28/15 19:00	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:00	1
Zinc	0.048	J	0.10	0.020	mg/L		02/28/15 12:08	02/28/15 19:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040	J	0.050	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Barium	0.49	J	0.50	0.050	mg/L		02/28/15 12:12	03/01/15 15:29	1
Beryllium	0.0054		0.0040	0.0040	mg/L		02/28/15 12:12	03/01/15 15:29	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		02/28/15 12:12	03/01/15 15:29	1
Chromium	0.14		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Cobalt	0.065		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Copper	0.17		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Iron	140		0.20	0.20	mg/L		02/28/15 12:12	03/01/15 15:29	1
Lead	0.13		0.038	0.038	mg/L		02/28/15 12:12	03/01/15 17:37	5
Manganese	1.7		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Nickel	0.18		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:29	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:12	03/01/15 15:29	1

Client Sample ID: RV-14(0-5)-022015
Date Collected: 02/20/15 12:05
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-11
Matrix: Solid

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		02/28/15 12:12	03/01/15 15:29	1
Zinc	**0.47**	**B**	0.10	0.020	mg/L		02/28/15 12:12	03/01/15 15:29	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.24**	**J**	1.1	0.23	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Arsenic	**4.0**		0.56	0.26	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Barium	**36**		0.56	0.10	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Beryllium	**0.54**		0.22	0.049	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Cadmium	**0.18**		0.11	0.033	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Calcium	**54000**		11	3.6	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Chromium	**14**		0.56	0.097	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Cobalt	**6.1**		0.28	0.063	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Copper	**14**		0.56	0.12	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Iron	**13000**		11	4.3	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Lead	**14**		0.28	0.14	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Magnesium	**30000**		5.6	2.3	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Manganese	**440**		0.56	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Nickel	**16**		0.56	0.15	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Potassium	**2500**		28	4.6	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Sodium	**1400**		56	7.4	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Thallium	**0.75**		0.56	0.28	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Vanadium	**19**		0.28	0.082	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1
Zinc	**37**	**B**	1.1	0.36	mg/Kg	☼	02/23/15 17:12	02/25/15 15:56	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 09:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 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	**43**		19	6.7	ug/Kg	☼	02/24/15 14:30	02/25/15 11:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.56**		0.200	0.200	SU			02/24/15 14:46	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(5-10)-022015
Date Collected: 02/20/15 12:10
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-12
Matrix: Solid
Percent Solids: 78.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	110		6.4	2.8	ug/Kg	☼		02/23/15 16:56	1
Benzene	<6.4		6.4	0.87	ug/Kg	☼		02/23/15 16:56	1
Bromodichloromethane	<6.4		6.4	1.1	ug/Kg	☼		02/23/15 16:56	1
Bromoform	<6.4		6.4	1.5	ug/Kg	☼		02/23/15 16:56	1
Bromomethane	<6.4		6.4	1.9	ug/Kg	☼		02/23/15 16:56	1
Carbon disulfide	<6.4		6.4	0.95	ug/Kg	☼		02/23/15 16:56	1
Carbon tetrachloride	<6.4		6.4	1.2	ug/Kg	☼		02/23/15 16:56	1
Chlorobenzene	<6.4		6.4	0.65	ug/Kg	☼		02/23/15 16:56	1
Chloroethane	<6.4		6.4	1.7	ug/Kg	☼		02/23/15 16:56	1
Chloroform	<6.4		6.4	0.73	ug/Kg	☼		02/23/15 16:56	1
Chloromethane	<6.4		6.4	1.3	ug/Kg	☼		02/23/15 16:56	1
cis-1,2-Dichloroethene	<6.4		6.4	0.90	ug/Kg	☼		02/23/15 16:56	1
cis-1,3-Dichloropropene	<6.4		6.4	0.84	ug/Kg	☼		02/23/15 16:56	1
Dibromochloromethane	<6.4		6.4	1.1	ug/Kg	☼		02/23/15 16:56	1
1,1-Dichloroethane	<6.4		6.4	1.0	ug/Kg	☼		02/23/15 16:56	1
1,2-Dichloroethane	<6.4		6.4	0.94	ug/Kg	☼		02/23/15 16:56	1
1,1-Dichloroethene	<6.4		6.4	1.0	ug/Kg	☼		02/23/15 16:56	1
1,2-Dichloropropane	<6.4		6.4	0.97	ug/Kg	☼		02/23/15 16:56	1
1,3-Dichloropropene, Total	<6.4		6.4	0.84	ug/Kg	☼		02/23/15 16:56	1
Ethylbenzene	<6.4		6.4	1.3	ug/Kg	☼		02/23/15 16:56	1
2-Hexanone	<6.4		6.4	1.8	ug/Kg	☼		02/23/15 16:56	1
Methylene Chloride	<6.4		6.4	1.7	ug/Kg	☼		02/23/15 16:56	1
Methyl Ethyl Ketone	<6.4		6.4	2.3	ug/Kg	☼		02/23/15 16:56	1
methyl isobutyl ketone	<6.4		6.4	1.7	ug/Kg	☼		02/23/15 16:56	1
Methyl tert-butyl ether	<6.4		6.4	1.1	ug/Kg	☼		02/23/15 16:56	1
Styrene	<6.4		6.4	0.84	ug/Kg	☼		02/23/15 16:56	1
1,1,2,2-Tetrachloroethane	<6.4		6.4	1.3	ug/Kg	☼		02/23/15 16:56	1
Tetrachloroethene	<6.4		6.4	0.97	ug/Kg	☼		02/23/15 16:56	1
Toluene	<6.4		6.4	0.89	ug/Kg	☼		02/23/15 16:56	1
trans-1,2-Dichloroethene	<6.4		6.4	0.88	ug/Kg	☼		02/23/15 16:56	1
trans-1,3-Dichloropropene	<6.4		6.4	1.1	ug/Kg	☼		02/23/15 16:56	1
1,1,1-Trichloroethane	<6.4		6.4	0.95	ug/Kg	☼		02/23/15 16:56	1
1,1,2-Trichloroethane	<6.4		6.4	0.87	ug/Kg	☼		02/23/15 16:56	1
Trichloroethene	<6.4		6.4	1.1	ug/Kg	☼		02/23/15 16:56	1
Vinyl chloride	<6.4		6.4	1.3	ug/Kg	☼		02/23/15 16:56	1
Xylenes, Total	<13		13	0.58	ug/Kg	☼		02/23/15 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*02/23/15 16:56*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/23/15 16:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 134*		*02/23/15 16:56*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*02/23/15 16:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<210		210	44	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
1,2-Dichlorobenzene	<210		210	49	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
1,3-Dichlorobenzene	<210		210	46	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
1,4-Dichlorobenzene	<210		210	53	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,2'-oxybis[1-chloropropane]	<210		210	48	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(5-10)-022015
Date Collected: 02/20/15 12:10
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-12
Matrix: Solid
Percent Solids: 78.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<410		410	94	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,4,6-Trichlorophenol	<410		410	140	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,4-Dichlorophenol	<410		410	98	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,4-Dimethylphenol	<410		410	160	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,4-Dinitrophenol	<830		830	730	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,4-Dinitrotoluene	<210		210	66	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2,6-Dinitrotoluene	<210		210	81	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Chloronaphthalene	<210		210	46	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Chlorophenol	<210		210	70	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Methylnaphthalene	<41		41	7.6	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Methylphenol	<210		210	66	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Nitroaniline	<210		210	56	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
2-Nitrophenol	<410		410	98	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
3 & 4 Methylphenol	<210		210	69	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
3,3'-Dichlorobenzidine	<210		210	58	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
3-Nitroaniline	<410		410	130	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4,6-Dinitro-2-methylphenol	<410		410	330	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Bromophenyl phenyl ether	<210		210	54	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Chloro-3-methylphenol	<410		410	140	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Chloroaniline	<830		830	190	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Chlorophenyl phenyl ether	<210		210	48	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Nitroaniline	<410		410	170	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
4-Nitrophenol	<830		830	390	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Acenaphthene	<41		41	7.4	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Acenaphthylene	<41		41	5.4	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Anthracene	**12**	**J**	41	6.9	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Benzo[a]anthracene	**17**	**J**	41	5.6	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Benzo[a]pyrene	<41		41	8.0	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Benzo[b]fluoranthene	<41		41	8.9	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Benzo[g,h,i]perylene	<41		41	13	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Benzo[k]fluoranthene	<41		41	12	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Bis(2-chloroethoxy)methane	<210		210	42	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Bis(2-chloroethyl)ether	<210		210	62	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Bis(2-ethylhexyl) phthalate	<210		210	75	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Butyl benzyl phthalate	<210		210	79	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Carbazole	<210		210	110	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Chrysene	**18**	**J**	41	11	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Dibenz(a,h)anthracene	<41		41	8.0	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Dibenzofuran	<210		210	48	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Diethyl phthalate	<210		210	70	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Dimethyl phthalate	<210		210	54	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Di-n-butyl phthalate	<210		210	63	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Di-n-octyl phthalate	<210		210	67	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Fluoranthene	**33**	**J**	41	7.7	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Fluorene	**11**	**J**	41	5.8	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Hexachlorobenzene	<83		83	9.6	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Hexachlorobutadiene	<210		210	65	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Hexachlorocyclopentadiene	<830		830	240	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Hexachloroethane	<210		210	63	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

Client Sample ID: RV-14(5-10)-022015
Date Collected: 02/20/15 12:10
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-12
Matrix: Solid
Percent Solids: 78.5

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	<41		41	11	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Isophorone	<210		210	46	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Naphthalene	**13**	**J**	41	6.4	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Nitrobenzene	<41		41	10	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
N-Nitrosodi-n-propylamine	<210		210	50	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
N-Nitrosodiphenylamine	<210		210	49	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Pentachlorophenol	<830		830	660	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Phenanthrene	**39**	**J**	41	5.8	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Phenol	<210		210	92	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1
Pyrene	**64**		41	8.2	ug/Kg	☼	02/24/15 07:04	02/26/15 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*35 - 137*	*02/24/15 07:04*	*02/26/15 14:50*	*1*
2-Fluorobiphenyl	*58*		*25 - 119*	*02/24/15 07:04*	*02/26/15 14:50*	*1*
2-Fluorophenol	*46*		*25 - 110*	*02/24/15 07:04*	*02/26/15 14:50*	*1*
Nitrobenzene-d5	*43*		*25 - 115*	*02/24/15 07:04*	*02/26/15 14:50*	*1*
Phenol-d5	*54*		*31 - 110*	*02/24/15 07:04*	*02/26/15 14:50*	*1*
Terphenyl-d14	*149*	*X*	*36 - 134*	*02/24/15 07:04*	*02/26/15 14:50*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Barium	**0.47**	**J**	0.50	0.050	mg/L		02/28/15 12:08	02/28/15 19:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:08	02/28/15 19:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:08	02/28/15 19:06	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Cobalt	**0.026**		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Copper	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:08	02/28/15 19:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:08	02/28/15 19:06	1
Manganese	**4.7**		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Nickel	**0.028**		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:08	02/28/15 19:06	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:08	02/28/15 19:06	1
Zinc	**0.044**	**J**	0.10	0.020	mg/L		02/28/15 12:08	02/28/15 19:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Barium	**0.093**	**J**	0.50	0.050	mg/L		02/28/15 12:12	03/01/15 15:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:12	03/01/15 15:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:12	03/01/15 15:33	1
Chromium	**0.014**	**J**	0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Cobalt	<0.025		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Copper	**0.021**	**J**	0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Iron	**7.7**		0.20	0.20	mg/L		02/28/15 12:12	03/01/15 15:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:12	03/01/15 15:33	1
Manganese	**0.093**		0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Nickel	**0.011**	**J**	0.025	0.010	mg/L		02/28/15 12:12	03/01/15 15:33	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:12	03/01/15 15:33	1

Client Sample ID: RV-14(5-10)-022015
Date Collected: 02/20/15 12:10
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92501-12
Matrix: Solid

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		02/28/15 12:12	03/01/15 15:33	1
Zinc	**0.053**	**J B**	0.10	0.020	mg/L		02/28/15 12:12	03/01/15 15:33	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.25	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Arsenic	**4.6**		0.61	0.28	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Barium	**50**		0.61	0.11	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Beryllium	**0.66**		0.24	0.053	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Cadmium	**0.19**		0.12	0.035	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Calcium	**46000**		12	3.9	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Chromium	**18**		0.61	0.10	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Cobalt	**8.0**		0.31	0.069	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Copper	**17**		0.61	0.13	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Iron	**15000**		12	4.7	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Lead	**9.2**		0.31	0.15	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Magnesium	**24000**		6.1	2.5	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Manganese	**440**		0.61	0.12	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Nickel	**21**		0.61	0.17	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Potassium	**2800**		31	5.0	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Selenium	<0.61		0.61	0.30	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Silver	<0.31		0.31	0.071	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Sodium	**820**		61	8.1	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Thallium	**0.53**	**J**	0.61	0.30	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Vanadium	**24**		0.31	0.089	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1
Zinc	**42**	**B**	1.2	0.39	mg/Kg	☼	02/23/15 17:12	02/25/15 16:02	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 10:20	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	**18**	**J**	20	7.0	ug/Kg	☼	02/24/15 14:30	02/25/15 11:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.15**		0.200	0.200	SU			02/24/15 14:53	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
E	Result exceeded calibration range.
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92501-1

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

* Certification renewal pending - certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMEN

2417 Bond Street, University Park, I
Phone: 708.534.5200 Fax: 708

500-92501 COC

Chain of Custody Record

Lab Job #: 500-92501

Chain of Custody Number:

Page 1 of 3

Temperature °C of Cooler: (3.1) (4.0)

Report To (optional)	Bill To (optional)
Contact: S. Babusukumar	Contact:
Company: Weston	Company:
Address: 300 Plaza Circle, Ste 202	Address:
Address: Mundelein, IL 60060	Address: SAME
Phone: (224) 864-7250	Phone:
Fax:	Fax:
E-Mail:	PO#/Reference#

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Straw
Lab PM: D. Wright

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	Parameter: VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH	Comments
1		RV-8(0-5)-022015	2/20/15	0950	2	S	7	X	X	X	X	X	
2		RV-8(5-10)-022015		0955			7						
3		RV-8(10-15)-022015		1000			7						
4		RV-9(0-5)-022015		1015			7						
5		RV-9(5-10)-022015		1020			7						
6		RV-9(10-16.5)-022015		1025			7						
7		RV-11(0-6)-022015		1045			7						
8		RV-11(0-6)-022015D		1045			7						
9		RV-11(6-12)-022015		1050			7						
10		RV-13(0-2)-022015		1110			7						

Matrix

2/20/15

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	Company	Date	Time	Received By	Company	Date	Time
Matrix	Weston	2/20/15	1500		TA	2/20/15	1500
	TA	2/20/15	1700		TA	2/21/15	0700

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-500 (1209)

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

(optional)

Report To
Contact: S. Babusukumar
Company: Weston
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

(optional)

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

Chain of Custody Record

Lab Job #: 500-92501
Chain of Custody Number:
Page 2 of 3
Temperature °C of Cooler:

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Strow
Lab PM: D. Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH	Comments
11		RV-14 (0-5)-022015	2/20/15	1205	2	S	X	X	X	X	X	
12		RV-14 (5-10)-022015		1210								
13		RV-16 (0-5)-022015		1225								
14		RV-16 (5-10)-022015		1230								
15		RV-18 (0-5)-022015		1240								
16		RV-18 (5-10)-022015		1245								
17		RV-20 (0-4)-022015		1305								
18		RV-20 (4-8)-022015		1310								
19		RV-20 (4-8)-022015D		1350								RV-21 @ 1350
20		RV-21 (0-4)-022015		1345								

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
[illegible]	Weston	2/20/15	1500	[illegible]	TA	2/20/15	1500
[illegible]	TA	2/20/15	1700	[illegible]	TA	2/21/15	0900
Relinquished By	Company	Date	Time	Received By	Company	Date	Time

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments

Lab Comments:

TAL-4124-500 (1209)

3/3/2015

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: 500-92502-1
Client Project/Site: IDOT - Winnetka - WO 007

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/3/2015 4:25:08 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92502-1

Client Sample ID: RV-24(0-6)-022015
Date Collected: 02/20/15 14:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92502-4
Matrix: Solid
Percent Solids: 81.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.2		6.2	2.7	ug/Kg	☼		02/24/15 23:28	1
Benzene	<6.2		6.2	0.84	ug/Kg	☼		02/24/15 23:28	1
Bromodichloromethane	<6.2		6.2	1.1	ug/Kg	☼		02/24/15 23:28	1
Bromoform	<6.2		6.2	1.4	ug/Kg	☼		02/24/15 23:28	1
Bromomethane	<6.2		6.2	1.9	ug/Kg	☼		02/24/15 23:28	1
Carbon disulfide	<6.2		6.2	0.92	ug/Kg	☼		02/24/15 23:28	1
Carbon tetrachloride	<6.2		6.2	1.1	ug/Kg	☼		02/24/15 23:28	1
Chlorobenzene	<6.2		6.2	0.62	ug/Kg	☼		02/24/15 23:28	1
Chloroethane	<6.2		6.2	1.7	ug/Kg	☼		02/24/15 23:28	1
Chloroform	<6.2		6.2	0.71	ug/Kg	☼		02/24/15 23:28	1
Chloromethane	<6.2		6.2	1.3	ug/Kg	☼		02/24/15 23:28	1
cis-1,2-Dichloroethene	<6.2		6.2	0.87	ug/Kg	☼		02/24/15 23:28	1
cis-1,3-Dichloropropene	<6.2		6.2	0.81	ug/Kg	☼		02/24/15 23:28	1
Dibromochloromethane	<6.2		6.2	1.1	ug/Kg	☼		02/24/15 23:28	1
1,1-Dichloroethane	<6.2		6.2	0.97	ug/Kg	☼		02/24/15 23:28	1
1,2-Dichloroethane	<6.2		6.2	0.91	ug/Kg	☼		02/24/15 23:28	1
1,1-Dichloroethene	<6.2		6.2	0.99	ug/Kg	☼		02/24/15 23:28	1
1,2-Dichloropropane	<6.2		6.2	0.93	ug/Kg	☼		02/24/15 23:28	1
1,3-Dichloropropene, Total	<6.2		6.2	0.81	ug/Kg	☼		02/24/15 23:28	1
Ethylbenzene	<6.2		6.2	1.2	ug/Kg	☼		02/24/15 23:28	1
2-Hexanone	<6.2		6.2	1.8	ug/Kg	☼		02/24/15 23:28	1
Methylene Chloride	<6.2		6.2	1.7	ug/Kg	☼		02/24/15 23:28	1
Methyl Ethyl Ketone	<6.2		6.2	2.2	ug/Kg	☼		02/24/15 23:28	1
methyl isobutyl ketone	<6.2		6.2	1.6	ug/Kg	☼		02/24/15 23:28	1
Methyl tert-butyl ether	<6.2		6.2	1.0	ug/Kg	☼		02/24/15 23:28	1
Styrene	<6.2		6.2	0.81	ug/Kg	☼		02/24/15 23:28	1
1,1,2,2-Tetrachloroethane	<6.2		6.2	1.2	ug/Kg	☼		02/24/15 23:28	1
Tetrachloroethene	<6.2		6.2	0.94	ug/Kg	☼		02/24/15 23:28	1
Toluene	<6.2		6.2	0.86	ug/Kg	☼		02/24/15 23:28	1
trans-1,2-Dichloroethene	<6.2		6.2	0.85	ug/Kg	☼		02/24/15 23:28	1
trans-1,3-Dichloropropene	<6.2		6.2	1.1	ug/Kg	☼		02/24/15 23:28	1
1,1,1-Trichloroethane	<6.2		6.2	0.92	ug/Kg	☼		02/24/15 23:28	1
1,1,2-Trichloroethane	<6.2		6.2	0.84	ug/Kg	☼		02/24/15 23:28	1
Trichloroethene	<6.2		6.2	1.0	ug/Kg	☼		02/24/15 23:28	1
Vinyl chloride	<6.2		6.2	1.3	ug/Kg	☼		02/24/15 23:28	1
Xylenes, Total	<12		12	0.56	ug/Kg	☼		02/24/15 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 122*		*02/24/15 23:28*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*02/24/15 23:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*02/24/15 23:28*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/24/15 23:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<200		200	43	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
1,3-Dichlorobenzene	<200		200	45	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
1,4-Dichlorobenzene	<200		200	51	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,2'-oxybis[1-chloropropane]	<200		200	46	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92502-1

Client Sample ID: RV-24(0-6)-022015
Date Collected: 02/20/15 14:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92502-4
Matrix: Solid
Percent Solids: 81.3

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	90	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,4,6-Trichlorophenol	<390		390	140	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,4-Dichlorophenol	<390		390	94	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,4-Dinitrophenol	<800		800	700	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,4-Dinitrotoluene	<200		200	63	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2,6-Dinitrotoluene	<200		200	78	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Chloronaphthalene	<200		200	44	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Chlorophenol	<200		200	68	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Methylnaphthalene	**29**	**J**	39	7.3	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Methylphenol	<200		200	64	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
2-Nitrophenol	<390		390	94	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
3 & 4 Methylphenol	<200		200	66	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4,6-Dinitro-2-methylphenol	<390		390	320	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Bromophenyl phenyl ether	<200		200	52	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Chloroaniline	<800		800	190	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Nitroaniline	<390		390	170	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
4-Nitrophenol	<800		800	380	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Acenaphthene	**65**		39	7.1	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Acenaphthylene	**35**	**J**	39	5.2	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Anthracene	**210**		39	6.6	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Benzo[a]anthracene	**570**		39	5.3	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Benzo[a]pyrene	**570**		39	7.7	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Benzo[b]fluoranthene	**790**		39	8.6	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Benzo[g,h,i]perylene	**430**		39	13	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Benzo[k]fluoranthene	**270**		39	12	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Bis(2-ethylhexyl) phthalate	<200		200	72	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Butyl benzyl phthalate	<200		200	75	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Carbazole	<200		200	100	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Chrysene	**620**		39	11	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Dibenz(a,h)anthracene	**180**		39	7.7	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Dibenzofuran	**58**	**J**	200	46	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Diethyl phthalate	<200		200	67	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Dimethyl phthalate	<200		200	52	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Di-n-butyl phthalate	<200		200	60	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Di-n-octyl phthalate	<200		200	65	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Fluoranthene	**1200**		39	7.3	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Fluorene	**110**		39	5.6	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Hexachlorobenzene	<80		80	9.2	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Hexachlorobutadiene	<200		200	62	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Hexachlorocyclopentadiene	<800		800	230	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Hexachloroethane	<200		200	60	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92502-1

Client Sample ID: RV-24(0-6)-022015
Date Collected: 02/20/15 14:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92502-4
Matrix: Solid
Percent Solids: 81.3

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	**370**		39	10	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Isophorone	<200		200	44	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Naphthalene	**70**		39	6.1	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Nitrobenzene	<39		39	9.9	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
N-Nitrosodiphenylamine	<200		200	47	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Pentachlorophenol	<800		800	640	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Phenanthrene	**730**		39	5.5	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Phenol	<200		200	88	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1
Pyrene	**850**		39	7.9	ug/Kg	☼	02/24/15 07:08	02/26/15 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*35 - 137*	*02/24/15 07:08*	*02/26/15 01:24*	*1*
2-Fluorobiphenyl	*60*		*25 - 119*	*02/24/15 07:08*	*02/26/15 01:24*	*1*
2-Fluorophenol	*52*		*25 - 110*	*02/24/15 07:08*	*02/26/15 01:24*	*1*
Nitrobenzene-d5	*52*		*25 - 115*	*02/24/15 07:08*	*02/26/15 01:24*	*1*
Phenol-d5	*57*		*31 - 110*	*02/24/15 07:08*	*02/26/15 01:24*	*1*
Terphenyl-d14	*70*		*36 - 134*	*02/24/15 07:08*	*02/26/15 01:24*	*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		02/28/15 12:18	03/01/15 18:25	1
Barium	**0.29**	**J**	0.50	0.050	mg/L		02/28/15 12:18	03/01/15 18:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/28/15 12:18	03/01/15 18:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:18	03/01/15 18:25	1
Chromium	<0.025		0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Cobalt	<0.025		0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Copper	<0.025		0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Iron	<0.20		0.20	0.20	mg/L		02/28/15 12:18	03/01/15 18:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/28/15 12:18	03/01/15 18:25	1
Manganese	**0.98**		0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Nickel	**0.011**	**J**	0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:18	03/01/15 18:25	1
Silver	<0.025		0.025	0.010	mg/L		02/28/15 12:18	03/01/15 18:25	1
Zinc	**0.042**	**J**	0.10	0.020	mg/L		02/28/15 12:18	03/01/15 18:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.051**		0.050	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Barium	**0.73**		0.50	0.050	mg/L		02/28/15 12:21	03/01/15 18:52	1
Beryllium	**0.0087**		0.0040	0.0040	mg/L		02/28/15 12:21	03/01/15 18:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/28/15 12:21	03/01/15 18:52	1
Chromium	**0.25**		0.025	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Cobalt	**0.059**		0.025	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Copper	**0.20**		0.025	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Iron	**210**		0.20	0.20	mg/L		02/28/15 12:21	03/01/15 18:52	1
Lead	**0.12**		0.0075	0.0075	mg/L		02/28/15 12:21	03/01/15 18:52	1
Manganese	**1.5**		0.025	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Nickel	**0.21**		0.025	0.010	mg/L		02/28/15 12:21	03/01/15 18:52	1
Selenium	<0.050		0.050	0.020	mg/L		02/28/15 12:21	03/01/15 18:52	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92502-1

Client Sample ID: RV-24(0-6)-022015
Date Collected: 02/20/15 14:45
Date Received: 02/20/15 15:00

Lab Sample ID: 500-92502-4
Matrix: Solid

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		02/28/15 12:21	03/01/15 18:52	1
Zinc	**0.79**	**B**	0.10	0.020	mg/L		02/28/15 12:21	03/01/15 18:52	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.51**	**J B**	1.2	0.25	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Arsenic	**5.0**		0.60	0.28	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Barium	**47**		0.60	0.11	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Beryllium	**0.62**		0.24	0.052	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Cadmium	**0.27**	**B**	0.12	0.035	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Calcium	**36000**	**B**	12	3.9	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Chromium	**15**		0.60	0.10	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Cobalt	**12**		0.30	0.068	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Copper	**17**		0.60	0.13	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Iron	**16000**		12	4.6	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Lead	**18**		0.30	0.15	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Magnesium	**23000**		6.0	2.4	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Manganese	**630**		0.60	0.12	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Nickel	**26**		0.60	0.16	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Potassium	**1800**		30	4.9	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Selenium	**0.39**	**J**	0.60	0.30	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Silver	<0.30		0.30	0.070	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Sodium	**1700**		60	7.9	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Thallium	<0.60		0.60	0.30	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Vanadium	**19**		0.30	0.088	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1
Zinc	**81**	**B**	1.2	0.38	mg/Kg	☼	02/23/15 17:12	02/24/15 19:03	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 10:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/02/15 12:30	03/03/15 11:58	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	**34**		19	6.7	ug/Kg	☼	02/24/15 14:30	02/25/15 09:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.53**		0.200	0.200	SU			02/24/15 13:35	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
F2	MS/MSD RPD exceeds control limits

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
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
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92502-1

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

* Certification renewal pending - certification considered valid.

TestAmeri
THE LEADER IN ENVIRO
2417 Bond Street, University
Phone: 708.534.5200 Fax.
500-92502 COC

(optional)
Report To
Contact: S. Baburu Kumar
Company: Weston
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-92502
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler: (4.0)

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Straw
Lab PM: D. Wright

Preservative: 7 | 7 | 7 | 7 | 7
Parameter: VOCs | SVOCs | Total Metals | TCLP/SPLP Metals | pH

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH
1		RV-21(4-8)-022015	2/20/15	1350	2	S	X	X	X	X	X
2		RV-22(0-4)022015	↓	1405							
3		RV-22(4-8)-022015		1410							
4		RV-24(0-6)-022015		1445							

Relinquished By: M Straw — Company: Weston — Date: 2/20/15 — Time: 1500
Received By: — Company: — Date: 2/20/15 — Time: 1500
Relinquished By: — Company: — Date: 2/20/15 — Time: 1700
Received By: — Company: TA — Date: 2/21/15 — Time: 0700
Relinquished By: — Company: — Date: — Time:
Received By: — Company: — Date: — Time:

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

Comments

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 [X] Disposal by Lab [ ] Archive for ___ Months (A fee may be assessed if samples are retained longer than 1 month)

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments

Lab Comments:

TAL-4124-500 (1209)

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: 500-92527-1
Client Project/Site: IDOT - Winnetka - WO 007

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/5/2015 3:40:13 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-25(0-6)-022315
Date Collected: 02/23/15 09:20
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-1
Matrix: Solid
Percent Solids: 79.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.3		6.3	2.7	ug/Kg	☼		02/25/15 18:06	1
Benzene	<6.3		6.3	0.86	ug/Kg	☼		02/25/15 18:06	1
Bromodichloromethane	<6.3		6.3	1.1	ug/Kg	☼		02/25/15 18:06	1
Bromoform	<6.3		6.3	1.4	ug/Kg	☼		02/25/15 18:06	1
Bromomethane	<6.3		6.3	1.9	ug/Kg	☼		02/25/15 18:06	1
Carbon disulfide	<6.3		6.3	0.94	ug/Kg	☼		02/25/15 18:06	1
Carbon tetrachloride	<6.3		6.3	1.1	ug/Kg	☼		02/25/15 18:06	1
Chlorobenzene	<6.3		6.3	0.64	ug/Kg	☼		02/25/15 18:06	1
Chloroethane	<6.3		6.3	1.7	ug/Kg	☼		02/25/15 18:06	1
Chloroform	<6.3		6.3	0.72	ug/Kg	☼		02/25/15 18:06	1
Chloromethane	<6.3		6.3	1.3	ug/Kg	☼		02/25/15 18:06	1
cis-1,2-Dichloroethene	<6.3		6.3	0.89	ug/Kg	☼		02/25/15 18:06	1
cis-1,3-Dichloropropene	<6.3		6.3	0.82	ug/Kg	☼		02/25/15 18:06	1
Dibromochloromethane	<6.3		6.3	1.1	ug/Kg	☼		02/25/15 18:06	1
1,1-Dichloroethane	<6.3		6.3	0.99	ug/Kg	☼		02/25/15 18:06	1
1,2-Dichloroethane	<6.3		6.3	0.93	ug/Kg	☼		02/25/15 18:06	1
1,1-Dichloroethene	<6.3		6.3	1.0	ug/Kg	☼		02/25/15 18:06	1
1,2-Dichloropropane	<6.3		6.3	0.95	ug/Kg	☼		02/25/15 18:06	1
1,3-Dichloropropene, Total	<6.3		6.3	0.82	ug/Kg	☼		02/25/15 18:06	1
Ethylbenzene	<6.3		6.3	1.3	ug/Kg	☼		02/25/15 18:06	1
2-Hexanone	<6.3		6.3	1.8	ug/Kg	☼		02/25/15 18:06	1
Methylene Chloride	<6.3		6.3	1.7	ug/Kg	☼		02/25/15 18:06	1
Methyl Ethyl Ketone	<6.3		6.3	2.3	ug/Kg	☼		02/25/15 18:06	1
methyl isobutyl ketone	<6.3		6.3	1.6	ug/Kg	☼		02/25/15 18:06	1
Methyl tert-butyl ether	<6.3		6.3	1.0	ug/Kg	☼		02/25/15 18:06	1
Styrene	<6.3		6.3	0.82	ug/Kg	☼		02/25/15 18:06	1
1,1,2,2-Tetrachloroethane	<6.3		6.3	1.3	ug/Kg	☼		02/25/15 18:06	1
Tetrachloroethene	<6.3		6.3	0.96	ug/Kg	☼		02/25/15 18:06	1
Toluene	<6.3		6.3	0.88	ug/Kg	☼		02/25/15 18:06	1
trans-1,2-Dichloroethene	<6.3		6.3	0.86	ug/Kg	☼		02/25/15 18:06	1
trans-1,3-Dichloropropene	<6.3		6.3	1.1	ug/Kg	☼		02/25/15 18:06	1
1,1,1-Trichloroethane	<6.3		6.3	0.94	ug/Kg	☼		02/25/15 18:06	1
1,1,2-Trichloroethane	<6.3		6.3	0.85	ug/Kg	☼		02/25/15 18:06	1
Trichloroethene	<6.3		6.3	1.0	ug/Kg	☼		02/25/15 18:06	1
Vinyl chloride	<6.3		6.3	1.3	ug/Kg	☼		02/25/15 18:06	1
Xylenes, Total	<13		13	0.57	ug/Kg	☼		02/25/15 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/25/15 18:06*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*02/25/15 18:06*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/25/15 18:06*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/25/15 18:06*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<210		210	44	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
1,2-Dichlorobenzene	<210		210	49	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
1,3-Dichlorobenzene	<210		210	46	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
1,4-Dichlorobenzene	<210		210	52	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,2'-oxybis[1-chloropropane]	<210		210	47	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-25(0-6)-022315
Date Collected: 02/23/15 09:20
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-1
Matrix: Solid
Percent Solids: 79.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<410		410	93	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,4,6-Trichlorophenol	<410		410	140	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,4-Dichlorophenol	<410		410	97	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,4-Dimethylphenol	<410		410	160	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,4-Dinitrophenol	<820	*	820	720	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,4-Dinitrotoluene	<210		210	65	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2,6-Dinitrotoluene	<210		210	80	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Chloronaphthalene	<210		210	45	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Chlorophenol	<210		210	70	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Methylnaphthalene	**20**	**J**	41	7.5	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Methylphenol	<210		210	66	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Nitroaniline	<210		210	55	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
2-Nitrophenol	<410		410	97	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
3 & 4 Methylphenol	<210		210	68	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
3,3'-Dichlorobenzidine	<210		210	57	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
3-Nitroaniline	<410		410	130	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4,6-Dinitro-2-methylphenol	<410	*	410	330	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Bromophenyl phenyl ether	<210		210	54	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Chloro-3-methylphenol	<410		410	140	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Chloroaniline	<820		820	190	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Chlorophenyl phenyl ether	<210		210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Nitroaniline	<410		410	170	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
4-Nitrophenol	<820		820	390	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Acenaphthene	**34**	**J**	41	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Acenaphthylene	<41		41	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Anthracene	**120**		41	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Benzo[a]anthracene	**200**		41	5.5	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Benzo[a]pyrene	**170**		41	7.9	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Benzo[b]fluoranthene	**240**		41	8.8	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Benzo[g,h,i]perylene	**76**		41	13	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Benzo[k]fluoranthene	**130**		41	12	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Bis(2-chloroethoxy)methane	<210		210	42	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Bis(2-chloroethyl)ether	<210		210	61	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Bis(2-ethylhexyl) phthalate	<210		210	75	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Butyl benzyl phthalate	<210		210	78	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Carbazole	<210		210	110	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Chrysene	**200**		41	11	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Dibenz(a,h)anthracene	<41		41	7.9	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Dibenzofuran	<210		210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Diethyl phthalate	<210		210	69	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Dimethyl phthalate	<210		210	53	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Di-n-butyl phthalate	<210		210	62	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Di-n-octyl phthalate	<210		210	67	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Fluoranthene	**490**		41	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Fluorene	**54**		41	5.7	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Hexachlorobenzene	<82		82	9.5	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Hexachlorobutadiene	<210		210	64	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Hexachlorocyclopentadiene	<820		820	240	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Hexachloroethane	<210		210	62	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-25(0-6)-022315
Date Collected: 02/23/15 09:20
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-1
Matrix: Solid
Percent Solids: 79.8

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	**71**		41	11	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Isophorone	<210		210	46	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Naphthalene	**47**		41	6.3	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Nitrobenzene	<41		41	10	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
N-Nitrosodi-n-propylamine	<210		210	50	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
N-Nitrosodiphenylamine	<210		210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Pentachlorophenol	<820		820	660	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Phenanthrene	**450**		41	5.7	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Phenol	<210		210	91	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1
Pyrene	**400**		41	8.1	ug/Kg	☼	02/24/15 18:33	02/27/15 09:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*64*		*35 - 137*	*02/24/15 18:33*	*02/27/15 09:54*	*1*
2-Fluorobiphenyl	*56*		*25 - 119*	*02/24/15 18:33*	*02/27/15 09:54*	*1*
2-Fluorophenol	*49*		*25 - 110*	*02/24/15 18:33*	*02/27/15 09:54*	*1*
Nitrobenzene-d5	*42*		*25 - 115*	*02/24/15 18:33*	*02/27/15 09:54*	*1*
Phenol-d5	*51*		*31 - 110*	*02/24/15 18:33*	*02/27/15 09:54*	*1*
Terphenyl-d14	*86*		*36 - 134*	*02/24/15 18:33*	*02/27/15 09:54*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Barium	**0.38**	**J**	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 19:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 19:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 19:43	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Cobalt	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Copper	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Iron	**1.1**		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 19:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 19:43	1
Manganese	**0.33**		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Nickel	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 19:43	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:43	1
Zinc	**0.047**	**J**	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 19:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.045**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Barium	**0.45**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 12:06	1
Beryllium	**0.0057**		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 12:06	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 12:06	1
Chromium	**0.16**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Cobalt	**0.035**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Copper	**0.12**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Iron	**200**		0.20	0.20	mg/L		03/03/15 07:00	03/04/15 13:51	1
Lead	**0.059**		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 12:06	1
Manganese	**0.66**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Nickel	**0.13**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:06	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 12:06	1

Client Sample ID: RV-25(0-6)-022315
Date Collected: 02/23/15 09:20
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-1
Matrix: Solid

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		03/01/15 15:00	03/02/15 12:06	1
Zinc	**0.41**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 12:06	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.3		1.3	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Arsenic	**4.8**		0.63	0.29	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Barium	**29**		0.63	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Beryllium	**0.49**		0.25	0.054	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Cadmium	**0.054**	**J**	0.13	0.036	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Calcium	**85000**		130	40	mg/Kg	☼	02/24/15 15:45	02/26/15 21:40	10
Chromium	**13**		0.63	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Cobalt	**9.1**		0.31	0.071	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Copper	**14**		0.63	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Iron	**15000**	**B**	13	4.8	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Lead	**10**		0.31	0.16	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Magnesium	**38000**		6.3	2.5	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Manganese	**470**		0.63	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Nickel	**24**		0.63	0.17	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Potassium	**1700**		31	5.1	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Selenium	**0.32**	**J**	0.63	0.31	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Silver	<0.31		0.31	0.073	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Sodium	**1400**		63	8.3	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Thallium	<0.63		0.63	0.31	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Vanadium	**15**		0.31	0.091	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1
Zinc	**60**	**B**	1.3	0.40	mg/Kg	☼	02/24/15 15:45	02/26/15 02:34	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.33**		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:08	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	**37**		20	6.9	ug/Kg	☼	02/25/15 15:30	02/26/15 10:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.18**		0.200	0.200	SU			02/25/15 09:55	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(0-5)-022315
Date Collected: 02/23/15 11:05
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-7
Matrix: Solid
Percent Solids: 85.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	13		5.9	2.5	ug/Kg	☼		02/25/15 20:10	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/25/15 20:10	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 20:10	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/25/15 20:10	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/25/15 20:10	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 20:10	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 20:10	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/25/15 20:10	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 20:10	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/25/15 20:10	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 20:10	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/25/15 20:10	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 20:10	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 20:10	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/25/15 20:10	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/25/15 20:10	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/25/15 20:10	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/25/15 20:10	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 20:10	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 20:10	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/25/15 20:10	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 20:10	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/25/15 20:10	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/25/15 20:10	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 20:10	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 20:10	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 20:10	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/25/15 20:10	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/25/15 20:10	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/25/15 20:10	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 20:10	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 20:10	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/25/15 20:10	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 20:10	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 20:10	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/25/15 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/25/15 20:10*	*1*
Dibromofluoromethane	*90*		*75 - 120*		*02/25/15 20:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/25/15 20:10*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/25/15 20:10*	*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	41	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(0-5)-022315
Date Collected: 02/23/15 11:05
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-7
Matrix: Solid
Percent Solids: 85.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,4-Dinitrophenol	<770	*	770	670	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Methylnaphthalene	**55**		38	7.0	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4,6-Dinitro-2-methylphenol	<380	*	380	310	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Acenaphthene	**49**		38	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Acenaphthylene	**70**		38	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Anthracene	**270**		38	6.4	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Benzo[a]anthracene	**720**		38	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Benzo[a]pyrene	**670**		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Benzo[b]fluoranthene	**970**		38	8.2	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Benzo[g,h,i]perylene	**320**		38	12	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Benzo[k]fluoranthene	**430**		38	11	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Carbazole	<190		190	98	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Chrysene	**670**		38	10	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Dibenzofuran	**83**	**J**	190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Fluoranthene	**1300**		38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Fluorene	**140**		38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(0-5)-022315
Date Collected: 02/23/15 11:05
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-7
Matrix: Solid
Percent Solids: 85.1

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	300		38	9.9	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Naphthalene	170		38	5.9	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Phenanthrene	720		38	5.3	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Phenol	<190		190	85	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1
Pyrene	1200		38	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 11:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*57*		*35 - 137*	*02/24/15 18:33*	*02/27/15 11:05*	*1*
2-Fluorobiphenyl	*62*		*25 - 119*	*02/24/15 18:33*	*02/27/15 11:05*	*1*
2-Fluorophenol	*57*		*25 - 110*	*02/24/15 18:33*	*02/27/15 11:05*	*1*
Nitrobenzene-d5	*53*		*25 - 115*	*02/24/15 18:33*	*02/27/15 11:05*	*1*
Phenol-d5	*57*		*31 - 110*	*02/24/15 18:33*	*02/27/15 11:05*	*1*
Terphenyl-d14	*87*		*36 - 134*	*02/24/15 18:33*	*02/27/15 11:05*	*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		03/03/15 08:55	03/03/15 20:32	1
Barium	0.42	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 20:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 20:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 20:32	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Cobalt	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Copper	0.022	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Iron	0.28		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 20:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 20:32	1
Manganese	6.1		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Nickel	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 20:32	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:32	1
Zinc	0.074	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 20:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.070		0.050	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Barium	0.74		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 12:45	1
Beryllium	0.0099		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 12:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 12:45	1
Chromium	0.23		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Cobalt	0.13		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Copper	0.25		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Iron	220		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 20:35	1
Lead	0.16		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 12:45	1
Manganese	3.0		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Nickel	0.32		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:45	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 12:45	1

Client Sample ID: RV-15(0-5)-022315
Date Collected: 02/23/15 11:05
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-7
Matrix: Solid

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		03/01/15 15:00	03/02/15 12:45	1
Zinc	**0.69**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 12:45	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Arsenic	**5.8**		0.53	0.25	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Barium	**35**		0.53	0.098	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Beryllium	**0.58**		0.21	0.046	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Cadmium	**0.038**	**J**	0.11	0.031	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Calcium	**55000**		110	34	mg/Kg	☼	02/24/15 15:45	02/26/15 22:17	10
Chromium	**15**		0.53	0.092	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Cobalt	**10**		0.27	0.060	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Copper	**16**		0.53	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Iron	**16000**	**B**	11	4.1	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Lead	**10**		0.27	0.13	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Magnesium	**23000**		5.3	2.2	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Manganese	**370**		0.53	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Nickel	**26**		0.53	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Potassium	**2000**		27	4.4	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Selenium	<0.53		0.53	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Silver	<0.27		0.27	0.063	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Sodium	**1300**		53	7.1	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Thallium	<0.53		0.53	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Vanadium	**17**		0.27	0.078	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1
Zinc	**50**	**B**	1.1	0.34	mg/Kg	☼	02/24/15 15:45	02/26/15 03:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.21**		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 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	**14**	**J**	19	6.8	ug/Kg	☼	02/25/15 15:30	02/26/15 11:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.78**		0.200	0.200	SU			02/25/15 10:12	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(5-10)-022315
Date Collected: 02/23/15 11:10
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-8
Matrix: Solid
Percent Solids: 78.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.4		6.4	2.8	ug/Kg	☼		02/25/15 20:35	1
Benzene	<6.4		6.4	0.88	ug/Kg	☼		02/25/15 20:35	1
Bromodichloromethane	<6.4		6.4	1.1	ug/Kg	☼		02/25/15 20:35	1
Bromoform	<6.4		6.4	1.5	ug/Kg	☼		02/25/15 20:35	1
Bromomethane	<6.4		6.4	1.9	ug/Kg	☼		02/25/15 20:35	1
Carbon disulfide	<6.4		6.4	0.96	ug/Kg	☼		02/25/15 20:35	1
Carbon tetrachloride	<6.4		6.4	1.2	ug/Kg	☼		02/25/15 20:35	1
Chlorobenzene	<6.4		6.4	0.65	ug/Kg	☼		02/25/15 20:35	1
Chloroethane	<6.4		6.4	1.7	ug/Kg	☼		02/25/15 20:35	1
Chloroform	<6.4		6.4	0.74	ug/Kg	☼		02/25/15 20:35	1
Chloromethane	<6.4		6.4	1.3	ug/Kg	☼		02/25/15 20:35	1
cis-1,2-Dichloroethene	<6.4		6.4	0.90	ug/Kg	☼		02/25/15 20:35	1
cis-1,3-Dichloropropene	<6.4		6.4	0.84	ug/Kg	☼		02/25/15 20:35	1
Dibromochloromethane	<6.4		6.4	1.1	ug/Kg	☼		02/25/15 20:35	1
1,1-Dichloroethane	<6.4		6.4	1.0	ug/Kg	☼		02/25/15 20:35	1
1,2-Dichloroethane	<6.4		6.4	0.95	ug/Kg	☼		02/25/15 20:35	1
1,1-Dichloroethene	<6.4		6.4	1.0	ug/Kg	☼		02/25/15 20:35	1
1,2-Dichloropropane	<6.4		6.4	0.97	ug/Kg	☼		02/25/15 20:35	1
1,3-Dichloropropene, Total	<6.4		6.4	0.84	ug/Kg	☼		02/25/15 20:35	1
Ethylbenzene	<6.4		6.4	1.3	ug/Kg	☼		02/25/15 20:35	1
2-Hexanone	<6.4		6.4	1.8	ug/Kg	☼		02/25/15 20:35	1
Methylene Chloride	<6.4		6.4	1.7	ug/Kg	☼		02/25/15 20:35	1
Methyl Ethyl Ketone	<6.4		6.4	2.3	ug/Kg	☼		02/25/15 20:35	1
methyl isobutyl ketone	<6.4		6.4	1.7	ug/Kg	☼		02/25/15 20:35	1
Methyl tert-butyl ether	<6.4		6.4	1.1	ug/Kg	☼		02/25/15 20:35	1
Styrene	<6.4		6.4	0.84	ug/Kg	☼		02/25/15 20:35	1
1,1,2,2-Tetrachloroethane	<6.4		6.4	1.3	ug/Kg	☼		02/25/15 20:35	1
Tetrachloroethene	<6.4		6.4	0.98	ug/Kg	☼		02/25/15 20:35	1
Toluene	<6.4		6.4	0.90	ug/Kg	☼		02/25/15 20:35	1
trans-1,2-Dichloroethene	<6.4		6.4	0.88	ug/Kg	☼		02/25/15 20:35	1
trans-1,3-Dichloropropene	<6.4		6.4	1.1	ug/Kg	☼		02/25/15 20:35	1
1,1,1-Trichloroethane	<6.4		6.4	0.96	ug/Kg	☼		02/25/15 20:35	1
1,1,2-Trichloroethane	<6.4		6.4	0.87	ug/Kg	☼		02/25/15 20:35	1
Trichloroethene	<6.4		6.4	1.1	ug/Kg	☼		02/25/15 20:35	1
Vinyl chloride	<6.4		6.4	1.3	ug/Kg	☼		02/25/15 20:35	1
Xylenes, Total	<13		13	0.58	ug/Kg	☼		02/25/15 20:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/25/15 20:35*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/25/15 20:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*02/25/15 20:35*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*		*02/25/15 20:35*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<210		210	45	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
1,2-Dichlorobenzene	<210		210	49	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
1,3-Dichlorobenzene	<210		210	47	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
1,4-Dichlorobenzene	<210		210	53	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,2'-oxybis[1-chloropropane]	<210		210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(5-10)-022315
Date Collected: 02/23/15 11:10
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-8
Matrix: Solid
Percent Solids: 78.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<410		410	94	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,4,6-Trichlorophenol	<410		410	140	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,4-Dichlorophenol	<410		410	98	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,4-Dimethylphenol	<410		410	160	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,4-Dinitrophenol	<830	*	830	730	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,4-Dinitrotoluene	<210		210	66	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2,6-Dinitrotoluene	<210		210	81	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Chloronaphthalene	<210		210	46	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Chlorophenol	<210		210	71	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Methylnaphthalene	**35**	**J**	41	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Methylphenol	<210		210	66	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Nitroaniline	<210		210	56	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
2-Nitrophenol	<410		410	98	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
3 & 4 Methylphenol	<210		210	69	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
3,3'-Dichlorobenzidine	<210		210	58	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
3-Nitroaniline	<410		410	130	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4,6-Dinitro-2-methylphenol	<410	*	410	330	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Bromophenyl phenyl ether	<210		210	55	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Chloro-3-methylphenol	<410		410	140	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Chloroaniline	<830		830	190	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Chlorophenyl phenyl ether	<210		210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Nitroaniline	<410		410	170	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
4-Nitrophenol	<830		830	390	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Acenaphthene	**39**	**J**	41	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Acenaphthylene	**5.7**	**J**	41	5.5	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Anthracene	**110**		41	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Benzo[a]anthracene	**150**		41	5.6	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Benzo[a]pyrene	**120**		41	8.0	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Benzo[b]fluoranthene	**160**		41	8.9	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Benzo[g,h,i]perylene	**60**		41	13	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Benzo[k]fluoranthene	**72**		41	12	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Bis(2-chloroethoxy)methane	<210		210	42	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Bis(2-chloroethyl)ether	<210		210	62	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Bis(2-ethylhexyl) phthalate	<210		210	76	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Butyl benzyl phthalate	<210		210	79	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Carbazole	<210		210	110	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Chrysene	**140**		41	11	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Dibenz(a,h)anthracene	<41		41	8.0	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Dibenzofuran	**56**	**J**	210	48	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Diethyl phthalate	<210		210	70	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Dimethyl phthalate	<210		210	54	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Di-n-butyl phthalate	<210		210	63	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Di-n-octyl phthalate	<210		210	67	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Fluoranthene	**320**		41	7.7	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Fluorene	**91**		41	5.8	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Hexachlorobenzene	<83		83	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Hexachlorobutadiene	<210		210	65	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Hexachlorocyclopentadiene	<830		830	240	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Hexachloroethane	<210		210	63	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-15(5-10)-022315
Date Collected: 02/23/15 11:10
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-8
Matrix: Solid
Percent Solids: 78.1

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	55		41	11	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Isophorone	<210		210	46	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Naphthalene	80		41	6.4	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Nitrobenzene	<41		41	10	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
N-Nitrosodi-n-propylamine	<210		210	51	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
N-Nitrosodiphenylamine	<210		210	49	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Pentachlorophenol	<830		830	660	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Phenanthrene	410		41	5.8	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Phenol	<210		210	92	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1
Pyrene	470		41	8.2	ug/Kg	☼	02/24/15 18:33	02/27/15 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*52*		*35 - 137*	*02/24/15 18:33*	*02/27/15 13:46*	*1*
2-Fluorobiphenyl	*46*		*25 - 119*	*02/24/15 18:33*	*02/27/15 13:46*	*1*
2-Fluorophenol	*41*		*25 - 110*	*02/24/15 18:33*	*02/27/15 13:46*	*1*
Nitrobenzene-d5	*38*		*25 - 115*	*02/24/15 18:33*	*02/27/15 13:46*	*1*
Phenol-d5	*43*		*31 - 110*	*02/24/15 18:33*	*02/27/15 13:46*	*1*
Terphenyl-d14	*105*		*36 - 134*	*02/24/15 18:33*	*02/27/15 13:46*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Barium	0.64		0.50	0.050	mg/L		03/03/15 08:55	03/03/15 20:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 20:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 20:37	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Cobalt	0.013	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Copper	0.022	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Iron	0.25		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 20:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 20:37	1
Manganese	2.3		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Nickel	0.026		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 20:37	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:37	1
Zinc	0.053	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 20:37	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		03/01/15 15:00	03/02/15 12:49	1
Barium	<0.50		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 12:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 12:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 12:49	1
Chromium	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:49	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:49	1
Copper	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:49	1
Iron	1.9		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 20:39	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 12:49	1
Manganese	0.039		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:49	1
Nickel	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:49	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 12:49	1

Client Sample ID: RV-15(5-10)-022315
Date Collected: 02/23/15 11:10
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-8
Matrix: Solid

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		03/01/15 15:00	03/02/15 12:49	1
Zinc	<0.10		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 12:49	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.3		1.3	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Arsenic	**4.4**		0.63	0.29	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Barium	**47**		0.63	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Beryllium	**0.64**		0.25	0.055	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Cadmium	**0.041**	**J**	0.13	0.037	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Calcium	**79000**		130	41	mg/Kg	☼	02/24/15 15:45	02/26/15 22:30	10
Chromium	**16**		0.63	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Cobalt	**12**		0.32	0.072	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Copper	**19**		0.63	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Iron	**15000**	**B**	13	4.9	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Lead	**11**		0.32	0.16	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Magnesium	**33000**		6.3	2.6	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Manganese	**430**		0.63	0.13	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Nickel	**29**		0.63	0.17	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Potassium	**2300**		32	5.2	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Selenium	<0.63		0.63	0.31	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Silver	<0.32		0.32	0.074	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Sodium	**250**		63	8.4	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Thallium	<0.63		0.63	0.31	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Vanadium	**18**		0.32	0.093	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1
Zinc	**49**	**B**	1.3	0.40	mg/Kg	☼	02/24/15 15:45	02/26/15 03:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 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**		20	6.8	ug/Kg	☼	02/25/15 15:30	02/26/15 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.00**		0.200	0.200	SU			02/25/15 10:15	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-12(0-2)-022315
Date Collected: 02/23/15 11:30
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-10
Matrix: Solid
Percent Solids: 88.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20		5.7	2.4	ug/Kg	☼		02/25/15 21:00	1
Benzene	<5.7		5.7	0.78	ug/Kg	☼		02/25/15 21:00	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	☼		02/25/15 21:00	1
Bromoform	<5.7		5.7	1.3	ug/Kg	☼		02/25/15 21:00	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	☼		02/25/15 21:00	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	☼		02/25/15 21:00	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	☼		02/25/15 21:00	1
Chlorobenzene	<5.7		5.7	0.57	ug/Kg	☼		02/25/15 21:00	1
Chloroethane	<5.7		5.7	1.5	ug/Kg	☼		02/25/15 21:00	1
Chloroform	<5.7		5.7	0.65	ug/Kg	☼		02/25/15 21:00	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	☼		02/25/15 21:00	1
cis-1,2-Dichloroethene	<5.7		5.7	0.80	ug/Kg	☼		02/25/15 21:00	1
cis-1,3-Dichloropropene	<5.7		5.7	0.74	ug/Kg	☼		02/25/15 21:00	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	☼		02/25/15 21:00	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	☼		02/25/15 21:00	1
1,2-Dichloroethane	<5.7		5.7	0.84	ug/Kg	☼		02/25/15 21:00	1
1,1-Dichloroethene	<5.7		5.7	0.92	ug/Kg	☼		02/25/15 21:00	1
1,2-Dichloropropane	<5.7		5.7	0.86	ug/Kg	☼		02/25/15 21:00	1
1,3-Dichloropropene, Total	<5.7		5.7	0.74	ug/Kg	☼		02/25/15 21:00	1
Ethylbenzene	<5.7		5.7	1.1	ug/Kg	☼		02/25/15 21:00	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	☼		02/25/15 21:00	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	☼		02/25/15 21:00	1
Methyl Ethyl Ketone	<5.7		5.7	2.0	ug/Kg	☼		02/25/15 21:00	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	☼		02/25/15 21:00	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	☼		02/25/15 21:00	1
Styrene	<5.7		5.7	0.74	ug/Kg	☼		02/25/15 21:00	1
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.1	ug/Kg	☼		02/25/15 21:00	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	☼		02/25/15 21:00	1
Toluene	<5.7		5.7	0.79	ug/Kg	☼		02/25/15 21:00	1
trans-1,2-Dichloroethene	<5.7		5.7	0.78	ug/Kg	☼		02/25/15 21:00	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	☼		02/25/15 21:00	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	☼		02/25/15 21:00	1
1,1,2-Trichloroethane	<5.7		5.7	0.77	ug/Kg	☼		02/25/15 21:00	1
Trichloroethene	<5.7		5.7	0.93	ug/Kg	☼		02/25/15 21:00	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	☼		02/25/15 21:00	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		02/25/15 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 122*		*02/25/15 21:00*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*02/25/15 21:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/25/15 21:00*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*02/25/15 21:00*	*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	☼	02/24/15 18:33	02/27/15 14:22	1
1,2-Dichlorobenzene	<180		180	44	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
1,3-Dichlorobenzene	<180		180	41	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
1,4-Dichlorobenzene	<180		180	47	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-12(0-2)-022315
Date Collected: 02/23/15 11:30
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-10
Matrix: Solid
Percent Solids: 88.3

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	84	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,4,6-Trichlorophenol	<360		360	130	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,4-Dichlorophenol	<360		360	87	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,4-Dinitrophenol	<740	*	740	640	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,4-Dinitrotoluene	<180		180	58	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2,6-Dinitrotoluene	<180		180	72	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Chlorophenol	<180		180	62	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Methylnaphthalene	**120**		36	6.7	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Methylphenol	<180		180	59	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Nitroaniline	<180		180	49	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
2-Nitrophenol	<360		360	86	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
3 & 4 Methylphenol	<180		180	61	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
3,3'-Dichlorobenzidine	<180		180	51	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4,6-Dinitro-2-methylphenol	<360	*	360	290	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Bromophenyl phenyl ether	<180		180	48	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Chlorophenyl phenyl ether	<180		180	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Acenaphthene	**120**		36	6.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Acenaphthylene	**5.6**	**J**	36	4.8	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Anthracene	**350**		36	6.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Benzo[a]anthracene	**340**		36	4.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Benzo[a]pyrene	**270**		36	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Benzo[b]fluoranthene	**340**		36	7.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Benzo[g,h,i]perylene	**130**		36	12	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Benzo[k]fluoranthene	**130**		36	11	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Bis(2-chloroethyl)ether	<180		180	55	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Bis(2-ethylhexyl) phthalate	<180		180	67	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Butyl benzyl phthalate	<180		180	70	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Carbazole	**110**	**J**	180	95	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Chrysene	**310**		36	10	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Dibenz(a,h)anthracene	<36		36	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Dibenzofuran	**170**	**J**	180	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Diethyl phthalate	<180		180	62	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Dimethyl phthalate	<180		180	48	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Di-n-butyl phthalate	<180		180	56	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Di-n-octyl phthalate	<180		180	60	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Fluoranthene	**790**		36	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Fluorene	**280**		36	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Hexachlorobenzene	<74		74	8.5	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Hexachlorobutadiene	<180		180	58	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Hexachloroethane	<180		180	56	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-12(0-2)-022315
Date Collected: 02/23/15 11:30
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-10
Matrix: Solid
Percent Solids: 88.3

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	110		36	9.5	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Isophorone	<180		180	41	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Naphthalene	240		36	5.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Nitrobenzene	<36		36	9.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
N-Nitrosodi-n-propylamine	<180		180	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
N-Nitrosodiphenylamine	<180		180	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Phenanthrene	1200		36	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Phenol	<180		180	81	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1
Pyrene	1400		36	7.3	ug/Kg	☼	02/24/15 18:33	02/27/15 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*67*		*35 - 137*	*02/24/15 18:33*	*02/27/15 14:22*	*1*
2-Fluorobiphenyl	*69*		*25 - 119*	*02/24/15 18:33*	*02/27/15 14:22*	*1*
2-Fluorophenol	*59*		*25 - 110*	*02/24/15 18:33*	*02/27/15 14:22*	*1*
Nitrobenzene-d5	*57*		*25 - 115*	*02/24/15 18:33*	*02/27/15 14:22*	*1*
Phenol-d5	*60*		*31 - 110*	*02/24/15 18:33*	*02/27/15 14:22*	*1*
Terphenyl-d14	*153*	*X*	*36 - 134*	*02/24/15 18:33*	*02/27/15 14:22*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016	J	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Barium	0.49	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 19:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 19:38	1
Cadmium	0.0032	J	0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 19:38	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Cobalt	0.031		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Copper	0.032		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Iron	1.3		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 19:38	1
Lead	0.021		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 19:38	1
Manganese	9.4		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Nickel	0.040		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 19:38	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 19:38	1
Zinc	0.14		0.10	0.020	mg/L		03/03/15 08:55	03/03/15 19:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.035	J	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Barium	0.38	J	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 12:58	1
Beryllium	0.0044		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 12:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 12:58	1
Chromium	0.11		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Cobalt	0.049		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Copper	0.12		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Iron	100		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 20:47	1
Lead	0.19		0.038	0.038	mg/L		03/01/15 15:00	03/02/15 18:58	5
Manganese	1.3		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Nickel	0.13		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 12:58	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 12:58	1

Client Sample ID: RV-12(0-2)-022315
Date Collected: 02/23/15 11:30
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-10
Matrix: Solid

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		03/01/15 15:00	03/02/15 12:58	1
Zinc	**0.44**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 12:58	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Arsenic	**4.0**		0.54	0.25	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Barium	**31**		0.54	0.099	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Beryllium	**0.46**		0.22	0.047	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Cadmium	**0.10**	**J**	0.11	0.031	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Calcium	**78000**		110	35	mg/Kg	☼	02/24/15 15:45	02/26/15 22:38	10
Chromium	**11**		0.54	0.093	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Cobalt	**8.8**		0.27	0.061	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Copper	**17**		0.54	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Iron	**14000**	**B**	11	4.2	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Lead	**18**		0.27	0.13	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Magnesium	**36000**		5.4	2.2	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Manganese	**480**		0.54	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Nickel	**21**		0.54	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Potassium	**1300**		27	4.4	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Selenium	**0.59**		0.54	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Silver	<0.27		0.27	0.063	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Sodium	**580**		54	7.1	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Thallium	<0.54		0.54	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Vanadium	**16**		0.27	0.079	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1
Zinc	**71**	**B**	1.1	0.34	mg/Kg	☼	02/24/15 15:45	02/26/15 03:56	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 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	**20**		17	5.8	ug/Kg	☼	02/25/15 15:30	02/26/15 11:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.99**		0.200	0.200	SU			02/25/15 10:20	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(0-6)-022315
Date Collected: 02/23/15 11:50
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-11
Matrix: Solid
Percent Solids: 83.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	14		6.0	2.6	ug/Kg	☼		02/25/15 21:25	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		02/25/15 21:25	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/25/15 21:25	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		02/25/15 21:25	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		02/25/15 21:25	1
Carbon disulfide	<6.0		6.0	0.90	ug/Kg	☼		02/25/15 21:25	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		02/25/15 21:25	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		02/25/15 21:25	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		02/25/15 21:25	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		02/25/15 21:25	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		02/25/15 21:25	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		02/25/15 21:25	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		02/25/15 21:25	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/25/15 21:25	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		02/25/15 21:25	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/25/15 21:25	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		02/25/15 21:25	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		02/25/15 21:25	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		02/25/15 21:25	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		02/25/15 21:25	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		02/25/15 21:25	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		02/25/15 21:25	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		02/25/15 21:25	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		02/25/15 21:25	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		02/25/15 21:25	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		02/25/15 21:25	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		02/25/15 21:25	1
Tetrachloroethene	<6.0		6.0	0.92	ug/Kg	☼		02/25/15 21:25	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		02/25/15 21:25	1
trans-1,2-Dichloroethene	<6.0		6.0	0.83	ug/Kg	☼		02/25/15 21:25	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		02/25/15 21:25	1
1,1,1-Trichloroethane	<6.0		6.0	0.90	ug/Kg	☼		02/25/15 21:25	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		02/25/15 21:25	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		02/25/15 21:25	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		02/25/15 21:25	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		02/25/15 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/25/15 21:25*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*02/25/15 21:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 134*		*02/25/15 21:25*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*		*02/25/15 21:25*	*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	☼	02/24/15 18:33	02/27/15 14:40	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,2'-oxybis[1-chloropropane]	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(0-6)-022315
Date Collected: 02/23/15 11:50
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-11
Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,4-Dinitrophenol	<780	*	780	680	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2,6-Dinitrotoluene	<190		190	76	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Chloronaphthalene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Methylnaphthalene	**24**	**J**	38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4,6-Dinitro-2-methylphenol	<380	*	380	310	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Acenaphthene	**14**	**J**	38	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Anthracene	**45**		38	6.4	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Benzo[a]anthracene	**64**		38	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Benzo[a]pyrene	**57**		38	7.5	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Benzo[b]fluoranthene	**77**		38	8.3	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Benzo[g,h,i]perylene	**23**	**J**	38	12	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Benzo[k]fluoranthene	**22**	**J**	38	11	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Carbazole	<190		190	99	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Chrysene	**59**		38	10	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Di-n-butyl phthalate	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Fluoranthene	**140**		38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Fluorene	**38**		38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Hexachlorobenzene	<78		78	8.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Hexachloroethane	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1

Client Sample ID: RV-10(0-6)-022315
Date Collected: 02/23/15 11:50
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-11
Matrix: Solid
Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	22	J	38	10	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Naphthalene	100		38	5.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Phenanthrene	170		38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Phenol	<190		190	86	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1
Pyrene	150		38	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*53*		*35 - 137*	*02/24/15 18:33*	*02/27/15 14:40*	*1*
2-Fluorobiphenyl	*55*		*25 - 119*	*02/24/15 18:33*	*02/27/15 14:40*	*1*
2-Fluorophenol	*50*		*25 - 110*	*02/24/15 18:33*	*02/27/15 14:40*	*1*
Nitrobenzene-d5	*42*		*25 - 115*	*02/24/15 18:33*	*02/27/15 14:40*	*1*
Phenol-d5	*52*		*31 - 110*	*02/24/15 18:33*	*02/27/15 14:40*	*1*
Terphenyl-d14	*86*		*36 - 134*	*02/24/15 18:33*	*02/27/15 14:40*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Barium	0.51		0.50	0.050	mg/L		03/03/15 08:55	03/03/15 20:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 20:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 20:48	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Cobalt	0.014	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Copper	0.026		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Iron	0.38		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 20:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 20:48	1
Manganese	5.5		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Nickel	0.013	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 20:48	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:48	1
Zinc	0.058	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 20:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.060		0.050	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Barium	0.69		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 13:22	1
Beryllium	0.0082		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 13:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 13:22	1
Chromium	0.21		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Cobalt	0.094		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Copper	0.22		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Iron	190		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 20:51	1
Lead	0.11		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 13:22	1
Manganese	2.4		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Nickel	0.25		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:22	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 13:22	1

Client Sample ID: RV-10(0-6)-022315
Date Collected: 02/23/15 11:50
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-11
Matrix: Solid

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		03/01/15 15:00	03/02/15 13:22	1
Zinc	**0.57**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 13:22	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Arsenic	**5.5**		0.56	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Barium	**43**		0.56	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Beryllium	**0.60**		0.22	0.048	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Cadmium	**0.099**	**J**	0.11	0.032	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Calcium	**73000**		110	36	mg/Kg	☼	02/24/15 15:45	02/26/15 22:42	10
Chromium	**15**		0.56	0.096	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Cobalt	**11**		0.28	0.063	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Copper	**19**		0.56	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Iron	**15000**	**B**	11	4.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Lead	**12**		0.28	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Magnesium	**34000**		5.6	2.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Manganese	**450**		0.56	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Nickel	**26**		0.56	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Potassium	**1800**		28	4.5	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Sodium	**2500**		56	7.4	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Thallium	<0.56		0.56	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Vanadium	**20**		0.28	0.081	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1
Zinc	**54**	**B**	1.1	0.35	mg/Kg	☼	02/24/15 15:45	02/26/15 04:01	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.23**		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:31	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	**42**		20	7.0	ug/Kg	☼	02/25/15 15:30	02/26/15 11:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.66**		0.200	0.200	SU			02/25/15 10:26	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-12
Matrix: Solid
Percent Solids: 84.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/25/15 21:50	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/25/15 21:50	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 21:50	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/25/15 21:50	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/25/15 21:50	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 21:50	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 21:50	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/25/15 21:50	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 21:50	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/25/15 21:50	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 21:50	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/25/15 21:50	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 21:50	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 21:50	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/25/15 21:50	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/25/15 21:50	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/25/15 21:50	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/25/15 21:50	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 21:50	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 21:50	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/25/15 21:50	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 21:50	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/25/15 21:50	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/25/15 21:50	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 21:50	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 21:50	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 21:50	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/25/15 21:50	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		02/25/15 21:50	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/25/15 21:50	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 21:50	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 21:50	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/25/15 21:50	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 21:50	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 21:50	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/25/15 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*02/25/15 21:50*	*1*
Dibromofluoromethane	*91*		*75 - 120*		*02/25/15 21:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*02/25/15 21:50*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/25/15 21:50*	*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	☼	02/24/15 18:33	02/27/15 14:57	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-12
Matrix: Solid
Percent Solids: 84.8

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	☼	02/24/15 18:33	02/27/15 14:57	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,4-Dinitrophenol	<740	*	740	650	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Methylnaphthalene	**150**		37	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Methylphenol	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4,6-Dinitro-2-methylphenol	<370	*	370	300	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Acenaphthene	**73**		37	6.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Acenaphthylene	**21**	**J**	37	4.9	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Anthracene	**230**		37	6.2	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Benzo[a]anthracene	**290**		37	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Benzo[a]pyrene	**250**		37	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Benzo[b]fluoranthene	**330**		37	8.0	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Benzo[g,h,i]perylene	**94**		37	12	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Benzo[k]fluoranthene	**130**		37	11	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Bis(2-ethylhexyl) phthalate	<190		190	67	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Carbazole	**110**	**J**	190	95	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Chrysene	**280**		37	10	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Dibenzofuran	**150**	**J**	190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Di-n-octyl phthalate	**310**		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Fluoranthene	**730**		37	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Fluorene	**220**		37	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Hexachlorobenzene	<74		74	8.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Hexachloroethane	<190		190	56	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-12
Matrix: Solid
Percent Solids: 84.8

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	95		37	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Isophorone	<190		190	41	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Naphthalene	430		37	5.7	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Phenanthrene	980		37	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Phenol	<190		190	82	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1
Pyrene	840		37	7.3	ug/Kg	☼	02/24/15 18:33	02/27/15 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*52*		*35 - 137*	*02/24/15 18:33*	*02/27/15 14:57*	*1*
2-Fluorobiphenyl	*58*		*25 - 119*	*02/24/15 18:33*	*02/27/15 14:57*	*1*
2-Fluorophenol	*57*		*25 - 110*	*02/24/15 18:33*	*02/27/15 14:57*	*1*
Nitrobenzene-d5	*52*		*25 - 115*	*02/24/15 18:33*	*02/27/15 14:57*	*1*
Phenol-d5	*53*		*31 - 110*	*02/24/15 18:33*	*02/27/15 14:57*	*1*
Terphenyl-d14	*103*		*36 - 134*	*02/24/15 18:33*	*02/27/15 14:57*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Barium	0.43	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 20:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 20:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 20:53	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Cobalt	0.013	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Copper	0.018	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Iron	<0.20		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 20:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 20:53	1
Manganese	1.6		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Nickel	0.044		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 20:53	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 20:53	1
Zinc	0.055	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 20:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026	J	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Barium	0.42	J	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 13:27	1
Beryllium	0.0068		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 13:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 13:27	1
Chromium	0.16		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Cobalt	0.075		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Copper	0.14		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Iron	110		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:03	1
Lead	0.13		0.038	0.038	mg/L		03/01/15 15:00	03/02/15 19:14	5
Manganese	1.3		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Nickel	0.19		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 13:27	1

Client Sample ID: RV-10(6-12)-022315
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-12
Matrix: Solid

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		03/01/15 15:00	03/02/15 13:27	1
Zinc	**0.27**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 13:27	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Arsenic	**5.1**		0.56	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Barium	**33**		0.56	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Beryllium	**0.59**		0.23	0.049	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Cadmium	<0.11		0.11	0.033	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Calcium	**84000**		110	36	mg/Kg	☼	02/24/15 15:45	02/26/15 22:46	10
Chromium	**15**		0.56	0.097	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Cobalt	**10**		0.28	0.064	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Copper	**19**		0.56	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Iron	**15000**	**B**	11	4.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Lead	**10**		0.28	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Magnesium	**35000**		5.6	2.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Manganese	**400**		0.56	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Nickel	**26**		0.56	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Potassium	**2200**		28	4.6	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Sodium	**580**		56	7.4	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Vanadium	**16**		0.28	0.082	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1
Zinc	**44**	**B**	1.1	0.36	mg/Kg	☼	02/24/15 15:45	02/26/15 04:06	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 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	0.20	ug/L		03/03/15 11:25	03/04/15 10:33	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	**12**	**J**	17	6.0	ug/Kg	☼	02/25/15 15:30	02/26/15 11:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.30**		0.200	0.200	SU			02/25/15 10:28	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315D
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-13
Matrix: Solid
Percent Solids: 85.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/25/15 22:15	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/25/15 22:15	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 22:15	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/25/15 22:15	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/25/15 22:15	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 22:15	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 22:15	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/25/15 22:15	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 22:15	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/25/15 22:15	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 22:15	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/25/15 22:15	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 22:15	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/25/15 22:15	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/25/15 22:15	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/25/15 22:15	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/25/15 22:15	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/25/15 22:15	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 22:15	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 22:15	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/25/15 22:15	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/25/15 22:15	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/25/15 22:15	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/25/15 22:15	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 22:15	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/25/15 22:15	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 22:15	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/25/15 22:15	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/25/15 22:15	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/25/15 22:15	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/25/15 22:15	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/25/15 22:15	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/25/15 22:15	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/25/15 22:15	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/25/15 22:15	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/25/15 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/25/15 22:15*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/25/15 22:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*70 - 134*		*02/25/15 22:15*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/25/15 22:15*	*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	☼	02/24/15 18:33	02/27/15 15:15	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315D
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-13
Matrix: Solid
Percent Solids: 85.0

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	85	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,4-Dinitrophenol	<750	*	750	650	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Methylnaphthalene	**110**		37	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
2-Nitrophenol	<370		370	88	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4,6-Dinitro-2-methylphenol	<370	*	370	300	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Chloroaniline	<750		750	170	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Acenaphthene	**52**		37	6.7	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Acenaphthylene	**13**	**J**	37	4.9	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Anthracene	**150**		37	6.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Benzo[a]anthracene	**190**		37	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Benzo[a]pyrene	**150**		37	7.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Benzo[b]fluoranthene	**240**		37	8.0	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Benzo[g,h,i]perylene	**72**		37	12	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Benzo[k]fluoranthene	**74**		37	11	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Carbazole	<190		190	96	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Chrysene	**180**		37	10	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Dibenzofuran	**110**	**J**	190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Di-n-octyl phthalate	**320**		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Fluoranthene	**460**		37	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Fluorene	**160**		37	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-10(6-12)-022315D
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-13
Matrix: Solid
Percent Solids: 85.0

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	63		37	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Isophorone	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Naphthalene	340		37	5.7	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Nitrobenzene	<37		37	9.3	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Pentachlorophenol	<750		750	600	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Phenanthrene	670		37	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Phenol	<190		190	83	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1
Pyrene	700		37	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*46*		*35 - 137*	*02/24/15 18:33*	*02/27/15 15:15*	*1*
2-Fluorobiphenyl	*52*		*25 - 119*	*02/24/15 18:33*	*02/27/15 15:15*	*1*
2-Fluorophenol	*47*		*25 - 110*	*02/24/15 18:33*	*02/27/15 15:15*	*1*
Nitrobenzene-d5	*41*		*25 - 115*	*02/24/15 18:33*	*02/27/15 15:15*	*1*
Phenol-d5	*45*		*31 - 110*	*02/24/15 18:33*	*02/27/15 15:15*	*1*
Terphenyl-d14	*126*		*36 - 134*	*02/24/15 18:33*	*02/27/15 15:15*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Barium	0.45	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 21:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 21:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 21:07	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Cobalt	0.012	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Copper	0.024	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Iron	0.34		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 21:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 21:07	1
Manganese	1.6		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Nickel	0.039		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 21:07	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:07	1
Zinc	0.064	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 21:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.029	J	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Barium	0.47	J	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 13:32	1
Beryllium	0.0063		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 13:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 13:32	1
Chromium	0.15		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Cobalt	0.070		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Copper	0.17		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Iron	100		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:08	1
Lead	0.12		0.038	0.038	mg/L		03/01/15 15:00	03/02/15 19:18	5
Manganese	1.3		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Nickel	0.17		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:32	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 13:32	1

Client Sample ID: RV-10(6-12)-022315D
Date Collected: 02/23/15 11:55
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-13
Matrix: Solid

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		03/01/15 15:00	03/02/15 13:32	1
Zinc	**0.30**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 13:32	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Arsenic	**4.5**		0.54	0.25	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Barium	**43**		0.54	0.099	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Beryllium	**0.63**		0.22	0.047	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Cadmium	**0.034**	**J**	0.11	0.031	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Calcium	**91000**		110	35	mg/Kg	☼	02/24/15 15:45	02/26/15 22:50	10
Chromium	**16**		0.54	0.093	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Cobalt	**12**		0.27	0.061	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Copper	**19**		0.54	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Iron	**15000**	**B**	11	4.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Lead	**11**		0.27	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Magnesium	**34000**		5.4	2.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Manganese	**360**		0.54	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Nickel	**29**		0.54	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Potassium	**2600**		27	4.4	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Selenium	<0.54		0.54	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Sodium	**770**		54	7.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Thallium	<0.54		0.54	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Vanadium	**18**		0.27	0.079	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1
Zinc	**47**	**B**	1.1	0.34	mg/Kg	☼	02/24/15 15:45	02/26/15 04:11	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 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	0.20	ug/L		03/03/15 11:25	03/04/15 10:39	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**	19	6.5	ug/Kg	☼	02/25/15 15:30	02/26/15 11:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.37**		0.200	0.200	SU			02/25/15 10:31	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-27(0-2)-022315
Date Collected: 02/23/15 12:15
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-14
Matrix: Solid
Percent Solids: 88.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.6		5.6	2.4	ug/Kg	☼		02/25/15 22:40	1
Benzene	<5.6		5.6	0.77	ug/Kg	☼		02/25/15 22:40	1
Bromodichloromethane	<5.6		5.6	0.97	ug/Kg	☼		02/25/15 22:40	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		02/25/15 22:40	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		02/25/15 22:40	1
Carbon disulfide	<5.6		5.6	0.84	ug/Kg	☼		02/25/15 22:40	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		02/25/15 22:40	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		02/25/15 22:40	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		02/25/15 22:40	1
Chloroform	<5.6		5.6	0.65	ug/Kg	☼		02/25/15 22:40	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		02/25/15 22:40	1
cis-1,2-Dichloroethene	<5.6		5.6	0.80	ug/Kg	☼		02/25/15 22:40	1
cis-1,3-Dichloropropene	<5.6		5.6	0.74	ug/Kg	☼		02/25/15 22:40	1
Dibromochloromethane	<5.6		5.6	0.98	ug/Kg	☼		02/25/15 22:40	1
1,1-Dichloroethane	<5.6		5.6	0.89	ug/Kg	☼		02/25/15 22:40	1
1,2-Dichloroethane	<5.6		5.6	0.84	ug/Kg	☼		02/25/15 22:40	1
1,1-Dichloroethene	<5.6		5.6	0.91	ug/Kg	☼		02/25/15 22:40	1
1,2-Dichloropropane	<5.6		5.6	0.86	ug/Kg	☼		02/25/15 22:40	1
1,3-Dichloropropene, Total	<5.6		5.6	0.74	ug/Kg	☼		02/25/15 22:40	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		02/25/15 22:40	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		02/25/15 22:40	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		02/25/15 22:40	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		02/25/15 22:40	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		02/25/15 22:40	1
Methyl tert-butyl ether	<5.6		5.6	0.93	ug/Kg	☼		02/25/15 22:40	1
Styrene	<5.6		5.6	0.74	ug/Kg	☼		02/25/15 22:40	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		02/25/15 22:40	1
Tetrachloroethene	<5.6		5.6	0.86	ug/Kg	☼		02/25/15 22:40	1
Toluene	<5.6		5.6	0.79	ug/Kg	☼		02/25/15 22:40	1
trans-1,2-Dichloroethene	<5.6		5.6	0.78	ug/Kg	☼		02/25/15 22:40	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		02/25/15 22:40	1
1,1,1-Trichloroethane	<5.6		5.6	0.84	ug/Kg	☼		02/25/15 22:40	1
1,1,2-Trichloroethane	<5.6		5.6	0.77	ug/Kg	☼		02/25/15 22:40	1
Trichloroethene	<5.6		5.6	0.93	ug/Kg	☼		02/25/15 22:40	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		02/25/15 22:40	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		02/25/15 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/25/15 22:40*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/25/15 22:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*70 - 134*		*02/25/15 22:40*	*1*
Toluene-d8 (Surr)	*98*		*75 - 122*		*02/25/15 22:40*	*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	☼	02/24/15 18:33	02/27/15 15:33	1
1,2-Dichlorobenzene	<180		180	42	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
1,3-Dichlorobenzene	<180		180	40	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
1,4-Dichlorobenzene	<180		180	45	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,2'-oxybis[1-chloropropane]	<180		180	41	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-27(0-2)-022315
Date Collected: 02/23/15 12:15
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-14
Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<350		350	80	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,4,6-Trichlorophenol	<350		350	120	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,4-Dichlorophenol	<350		350	84	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,4-Dimethylphenol	<350		350	130	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,4-Dinitrophenol	<710	*	710	620	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,4-Dinitrotoluene	<180		180	56	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2,6-Dinitrotoluene	<180		180	69	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Chloronaphthalene	<180		180	39	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Chlorophenol	<180		180	60	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Methylnaphthalene	**7.4**	**J**	35	6.5	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Methylphenol	<180		180	57	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Nitroaniline	<180		180	47	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
2-Nitrophenol	<350		350	83	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
3 & 4 Methylphenol	<180		180	59	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
3,3'-Dichlorobenzidine	<180		180	49	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
3-Nitroaniline	<350		350	110	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4,6-Dinitro-2-methylphenol	<350	*	350	280	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Bromophenyl phenyl ether	<180		180	47	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Chloro-3-methylphenol	<350		350	120	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Chloroaniline	<710		710	170	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Chlorophenyl phenyl ether	<180		180	41	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Nitroaniline	<350		350	150	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
4-Nitrophenol	<710		710	340	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Acenaphthene	<35		35	6.3	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Acenaphthylene	<35		35	4.7	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Anthracene	**19**	**J**	35	5.9	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Benzo[a]anthracene	**27**	**J**	35	4.7	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Benzo[a]pyrene	<35		35	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Benzo[b]fluoranthene	**31**	**J**	35	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Benzo[g,h,i]perylene	<35		35	11	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Benzo[k]fluoranthene	**19**	**J**	35	10	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Bis(2-chloroethoxy)methane	<180		180	36	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Bis(2-chloroethyl)ether	<180		180	53	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Bis(2-ethylhexyl) phthalate	<180		180	64	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Butyl benzyl phthalate	<180		180	67	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Carbazole	<180		180	91	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Chrysene	**26**	**J**	35	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Dibenz(a,h)anthracene	<35		35	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Dibenzofuran	<180		180	41	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Diethyl phthalate	<180		180	60	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Dimethyl phthalate	<180		180	46	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Di-n-butyl phthalate	<180		180	54	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Di-n-octyl phthalate	<180		180	58	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Fluoranthene	**57**		35	6.5	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Fluorene	**15**	**J**	35	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Hexachlorobenzene	<71		71	8.2	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Hexachlorobutadiene	<180		180	55	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Hexachlorocyclopentadiene	<710		710	200	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Hexachloroethane	<180		180	54	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-27(0-2)-022315
Date Collected: 02/23/15 12:15
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-14
Matrix: Solid
Percent Solids: 88.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<35		35	9.1	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Isophorone	<180		180	40	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Naphthalene	**23**	**J**	35	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Nitrobenzene	<35		35	8.8	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
N-Nitrosodi-n-propylamine	<180		180	43	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
N-Nitrosodiphenylamine	<180		180	42	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Pentachlorophenol	<710		710	570	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Phenanthrene	**68**		35	4.9	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Phenol	<180		180	78	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1
Pyrene	**72**		35	7.0	ug/Kg	☼	02/24/15 18:33	02/27/15 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*46*		*35 - 137*	*02/24/15 18:33*	*02/27/15 15:33*	*1*
2-Fluorobiphenyl	*48*		*25 - 119*	*02/24/15 18:33*	*02/27/15 15:33*	*1*
2-Fluorophenol	*43*		*25 - 110*	*02/24/15 18:33*	*02/27/15 15:33*	*1*
Nitrobenzene-d5	*39*		*25 - 115*	*02/24/15 18:33*	*02/27/15 15:33*	*1*
Phenol-d5	*39*		*31 - 110*	*02/24/15 18:33*	*02/27/15 15:33*	*1*
Terphenyl-d14	*90*		*36 - 134*	*02/24/15 18:33*	*02/27/15 15:33*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.011**	**J B**	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Barium	**0.78**		0.50	0.050	mg/L		03/03/15 08:55	03/03/15 21:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 21:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 21:12	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Cobalt	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Copper	**0.034**		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Iron	<0.20		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 21:12	1
Lead	**0.0080**		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 21:12	1
Manganese	**6.2**		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Nickel	**0.014**	**J**	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 21:12	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:12	1
Zinc	**0.060**	**J**	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 21:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.025**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Barium	**0.54**		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 13:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 13:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 13:37	1
Chromium	**0.056**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Cobalt	**0.016**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Copper	**0.062**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Iron	**51**		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:13	1
Lead	**0.060**		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 13:37	1
Manganese	**1.3**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Nickel	**0.061**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 13:37	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 13:37	1

Client Sample ID: RV-27(0-2)-022315
Date Collected: 02/23/15 12:15
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-14
Matrix: Solid

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		03/01/15 15:00	03/02/15 13:37	1
Zinc	**0.19**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 13:37	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Arsenic	**3.9**		0.55	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Barium	**41**		0.55	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Beryllium	**0.30**		0.22	0.048	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Cadmium	**0.063**	**J**	0.11	0.032	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Calcium	**60000**		110	36	mg/Kg	☼	02/24/15 15:45	02/26/15 22:54	10
Chromium	**9.3**		0.55	0.095	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Cobalt	**4.8**		0.28	0.063	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Copper	**8.5**		0.55	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Iron	**9200**	**B**	11	4.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Lead	**11**		0.28	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Magnesium	**30000**		5.5	2.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Manganese	**570**		0.55	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Nickel	**12**		0.55	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Potassium	**660**		28	4.5	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Selenium	**0.31**	**J**	0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Sodium	**1100**		55	7.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Thallium	<0.55		0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Vanadium	**10**		0.28	0.081	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1
Zinc	**36**	**B**	1.1	0.35	mg/Kg	☼	02/24/15 15:45	02/26/15 04:16	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**17**		17	6.0	ug/Kg	☼	02/25/15 15:30	02/26/15 11:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.69**		0.200	0.200	SU			02/25/15 10:34	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(0-5)-022315
Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-18
Matrix: Solid
Percent Solids: 86.9

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	☼		03/02/15 18:15	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		03/02/15 18:15	1
Bromodichloromethane	<5.8		5.8	0.99	ug/Kg	☼		03/02/15 18:15	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		03/02/15 18:15	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		03/02/15 18:15	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		03/02/15 18:15	1
Carbon tetrachloride	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 18:15	1
Chlorobenzene	<5.8		5.8	0.58	ug/Kg	☼		03/02/15 18:15	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		03/02/15 18:15	1
Chloroform	<5.8		5.8	0.66	ug/Kg	☼		03/02/15 18:15	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 18:15	1
cis-1,2-Dichloroethene	<5.8		5.8	0.81	ug/Kg	☼		03/02/15 18:15	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		03/02/15 18:15	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 18:15	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		03/02/15 18:15	1
1,2-Dichloroethane	<5.8		5.8	0.85	ug/Kg	☼		03/02/15 18:15	1
1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		03/02/15 18:15	1
1,2-Dichloropropane	<5.8		5.8	0.87	ug/Kg	☼		03/02/15 18:15	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		03/02/15 18:15	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 18:15	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		03/02/15 18:15	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		03/02/15 18:15	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		03/02/15 18:15	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		03/02/15 18:15	1
Methyl tert-butyl ether	<5.8		5.8	0.95	ug/Kg	☼		03/02/15 18:15	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		03/02/15 18:15	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 18:15	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		03/02/15 18:15	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		03/02/15 18:15	1
trans-1,2-Dichloroethene	<5.8		5.8	0.79	ug/Kg	☼		03/02/15 18:15	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 18:15	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		03/02/15 18:15	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		03/02/15 18:15	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		03/02/15 18:15	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 18:15	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		03/02/15 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*03/02/15 18:15*	*1*
Dibromofluoromethane	*85*		*75 - 120*		*03/02/15 18:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*84*		*70 - 134*		*03/02/15 18:15*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*03/02/15 18:15*	*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	☼	02/24/15 18:33	02/27/15 16:27	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(0-5)-022315
Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-18
Matrix: Solid
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	<380		380	87	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,4-Dinitrophenol	<770	*	770	670	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Methylnaphthalene	**12**	**J**	38	7.0	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4,6-Dinitro-2-methylphenol	<380	*	380	310	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Acenaphthene	**12**	**J**	38	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Acenaphthylene	**18**	**J**	38	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Anthracene	**62**		38	6.4	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Benzo[a]anthracene	**170**		38	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Benzo[a]pyrene	**230**		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Benzo[b]fluoranthene	**280**		38	8.2	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Benzo[g,h,i]perylene	**160**		38	12	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Benzo[k]fluoranthene	**110**		38	11	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Carbazole	<190		190	99	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Chrysene	**170**		38	10	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Di-n-octyl phthalate	**110**	**J**	190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Fluoranthene	**250**		38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Fluorene	**26**	**J**	38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(0-5)-022315
Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-18
Matrix: Solid
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	130		38	9.9	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Naphthalene	22	J	38	5.9	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Phenanthrene	160		38	5.3	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Phenol	<190		190	85	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1
Pyrene	510		38	7.6	ug/Kg	☼	02/24/15 18:33	02/27/15 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*47*		*35 - 137*	*02/24/15 18:33*	*02/27/15 16:27*	*1*
2-Fluorobiphenyl	*53*		*25 - 119*	*02/24/15 18:33*	*02/27/15 16:27*	*1*
2-Fluorophenol	*45*		*25 - 110*	*02/24/15 18:33*	*02/27/15 16:27*	*1*
Nitrobenzene-d5	*42*		*25 - 115*	*02/24/15 18:33*	*02/27/15 16:27*	*1*
Phenol-d5	*42*		*31 - 110*	*02/24/15 18:33*	*02/27/15 16:27*	*1*
Terphenyl-d14	*134*		*36 - 134*	*02/24/15 18:33*	*02/27/15 16:27*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Barium	0.22	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 21:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 21:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 21:33	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Copper	0.014	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Iron	<0.20		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 21:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 21:33	1
Manganese	4.5		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Nickel	0.015	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 21:33	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:33	1
Zinc	0.037	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 21:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.022	J	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Barium	0.28	J	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 14:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 14:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 14:01	1
Chromium	0.075		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Cobalt	0.035		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Copper	0.090		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Iron	55		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:41	1
Lead	0.031		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 14:01	1
Manganese	0.88		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Nickel	0.085		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:01	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 14:01	1

Client Sample ID: RV-2(0-5)-022315
Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-18
Matrix: Solid

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		03/01/15 15:00	03/02/15 14:01	1
Zinc	**0.20**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 14:01	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Arsenic	**4.7**		0.56	0.26	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Barium	**43**		0.56	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Beryllium	**0.58**		0.22	0.048	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Cadmium	**0.038**	**J**	0.11	0.032	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Calcium	**79000**		110	36	mg/Kg	☼	02/24/15 15:45	02/26/15 23:19	10
Chromium	**15**		0.56	0.096	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Cobalt	**9.6**		0.28	0.063	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Copper	**16**		0.56	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Iron	**14000**	**B**	11	4.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Lead	**9.6**		0.28	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Magnesium	**35000**		5.6	2.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Manganese	**440**		0.56	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Nickel	**24**		0.56	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Potassium	**2200**		28	4.5	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Sodium	**1700**		56	7.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Thallium	<0.56		0.56	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Vanadium	**17**		0.28	0.081	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1
Zinc	**44**	**B**	1.1	0.35	mg/Kg	☼	02/24/15 15:45	02/26/15 04:37	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:48	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	**14**	**J**	18	6.3	ug/Kg	☼	02/25/15 15:30	02/26/15 11:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.55**		0.200	0.200	SU			02/25/15 10:45	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(5-10)-022315
Date Collected: 02/23/15 13:45
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-19
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/26/15 16:48	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/26/15 16:48	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/26/15 16:48	1
Bromoform	<5.9		5.9	1.3	ug/Kg	☼		02/26/15 16:48	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/26/15 16:48	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/26/15 16:48	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/26/15 16:48	1
Chlorobenzene	<5.9		5.9	0.59	ug/Kg	☼		02/26/15 16:48	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/26/15 16:48	1
Chloroform	<5.9		5.9	0.67	ug/Kg	☼		02/26/15 16:48	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 16:48	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/26/15 16:48	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 16:48	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/26/15 16:48	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/26/15 16:48	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/26/15 16:48	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/26/15 16:48	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/26/15 16:48	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 16:48	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 16:48	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/26/15 16:48	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/26/15 16:48	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/26/15 16:48	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/26/15 16:48	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/26/15 16:48	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 16:48	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 16:48	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/26/15 16:48	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/26/15 16:48	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/26/15 16:48	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/26/15 16:48	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/26/15 16:48	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/26/15 16:48	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/26/15 16:48	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 16:48	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/26/15 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/26/15 16:48*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/26/15 16:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/26/15 16:48*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/26/15 16:48*	*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	☼	02/24/15 18:33	02/27/15 16:44	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1

Client Sample ID: RV-2(5-10)-022315
Date Collected: 02/23/15 13:45
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-19
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	86	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,4-Dinitrophenol	<760	*	760	660	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Methylnaphthalene	**12**	**J**	37	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4,6-Dinitro-2-methylphenol	<370	*	370	300	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Acenaphthene	<37		37	6.8	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Acenaphthylene	<37		37	5.0	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Anthracene	**20**	**J**	37	6.3	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Benzo[a]anthracene	**46**		37	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Benzo[a]pyrene	**49**		37	7.3	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Benzo[b]fluoranthene	**69**		37	8.1	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Benzo[g,h,i]perylene	**30**	**J**	37	12	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Benzo[k]fluoranthene	**28**	**J**	37	11	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Carbazole	<190		190	97	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Chrysene	**59**		37	10	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Dibenz(a,h)anthracene	<37		37	7.3	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Di-n-octyl phthalate	**480**		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Fluoranthene	**83**		37	7.0	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Fluorene	**11**	**J**	37	5.3	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(5-10)-022315
Date Collected: 02/23/15 13:45
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-19
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	20	J	37	9.8	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Isophorone	<190		190	42	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Naphthalene	<37		37	5.8	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Phenanthrene	73		37	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Phenol	<190		190	84	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1
Pyrene	120		37	7.5	ug/Kg	☼	02/24/15 18:33	02/27/15 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*53*		*35 - 137*	*02/24/15 18:33*	*02/27/15 16:44*	*1*
2-Fluorobiphenyl	*60*		*25 - 119*	*02/24/15 18:33*	*02/27/15 16:44*	*1*
2-Fluorophenol	*55*		*25 - 110*	*02/24/15 18:33*	*02/27/15 16:44*	*1*
Nitrobenzene-d5	*48*		*25 - 115*	*02/24/15 18:33*	*02/27/15 16:44*	*1*
Phenol-d5	*56*		*31 - 110*	*02/24/15 18:33*	*02/27/15 16:44*	*1*
Terphenyl-d14	*109*		*36 - 134*	*02/24/15 18:33*	*02/27/15 16:44*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Barium	0.57		0.50	0.050	mg/L		03/03/15 08:55	03/03/15 21:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 21:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 21:38	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Cobalt	0.018	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Copper	0.018	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Iron	0.20		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 21:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 21:38	1
Manganese	1.5		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Nickel	0.047		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 21:38	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:38	1
Zinc	0.046	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 21:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Barium	0.095	J	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 14:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 14:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 14:05	1
Chromium	0.013	J	0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Copper	0.066		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Iron	4.6		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 14:05	1
Manganese	0.067		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Nickel	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 14:05	1

Client Sample ID: RV-2(5-10)-022315
Date Collected: 02/23/15 13:45
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-19
Matrix: Solid

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		03/01/15 15:00	03/02/15 14:05	1
Zinc	**0.060**	**J**	0.10	0.020	mg/L		03/01/15 15:00	03/02/15 14:05	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Arsenic	**4.3**		0.55	0.25	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Barium	**40**		0.55	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Beryllium	**0.60**		0.22	0.047	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Cadmium	<0.11		0.11	0.032	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Calcium	**78000**		110	35	mg/Kg	☼	02/24/15 15:45	02/26/15 23:23	10
Chromium	**15**		0.55	0.094	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Cobalt	**11**		0.27	0.062	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Copper	**18**		0.55	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Iron	**14000**	**B**	11	4.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Lead	**9.4**		0.27	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Magnesium	**34000**		5.5	2.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Manganese	**360**		0.55	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Nickel	**26**		0.55	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Potassium	**2400**		27	4.5	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Selenium	**0.62**		0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Sodium	**620**		55	7.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Thallium	<0.55		0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Vanadium	**17**		0.27	0.080	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1
Zinc	**42**	**B**	1.1	0.35	mg/Kg	☼	02/24/15 15:45	02/26/15 04:51	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:54	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	**7.8**	**J**	19	6.6	ug/Kg	☼	02/25/15 15:30	02/26/15 11:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.97**		0.200	0.200	SU			02/25/15 10:48	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

Client Sample ID: RV-2(0-5)-022315D
Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-20
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		02/26/15 17:12	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/26/15 17:12	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/26/15 17:12	1
Bromoform	<5.9		5.9	1.3	ug/Kg	☼		02/26/15 17:12	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/26/15 17:12	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/26/15 17:12	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/26/15 17:12	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/26/15 17:12	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/26/15 17:12	1
Chloroform	<5.9		5.9	0.67	ug/Kg	☼		02/26/15 17:12	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 17:12	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/26/15 17:12	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 17:12	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/26/15 17:12	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/26/15 17:12	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/26/15 17:12	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/26/15 17:12	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/26/15 17:12	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 17:12	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 17:12	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/26/15 17:12	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/26/15 17:12	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/26/15 17:12	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/26/15 17:12	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/26/15 17:12	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/26/15 17:12	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 17:12	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/26/15 17:12	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/26/15 17:12	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/26/15 17:12	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/26/15 17:12	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/26/15 17:12	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/26/15 17:12	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/26/15 17:12	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/26/15 17:12	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/26/15 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/26/15 17:12*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*02/26/15 17:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*70 - 134*		*02/26/15 17:12*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*02/26/15 17:12*	*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	☼	02/24/15 18:33	02/27/15 17:02	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,2'-oxybis[1-chloropropane]	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1

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Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-20
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,4-Dinitrophenol	<780	*	780	680	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2,6-Dinitrotoluene	<190		190	76	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Chloronaphthalene	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Methylnaphthalene	**13**	**J**	38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4,6-Dinitro-2-methylphenol	<380	*	380	310	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Acenaphthene	**18**	**J**	38	6.9	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Acenaphthylene	**19**	**J**	38	5.1	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Anthracene	**110**		38	6.4	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Benzo[a]anthracene	**290**		38	5.2	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Benzo[a]pyrene	**320**		38	7.5	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Benzo[b]fluoranthene	**490**		38	8.3	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Benzo[g,h,i]perylene	**160**		38	12	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Benzo[k]fluoranthene	**110**		38	11	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Carbazole	<190		190	99	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Chrysene	**280**		38	11	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Dibenz(a,h)anthracene	**41**		38	7.4	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Di-n-butyl phthalate	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Fluoranthene	**540**		38	7.1	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Fluorene	**42**		38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Hexachlorobenzene	<78		78	8.9	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Hexachlorobutadiene	<190		190	61	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Hexachloroethane	<190		190	59	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1

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TestAmerica Job ID: 500-92527-1

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Date Collected: 02/23/15 13:40
Date Received: 02/24/15 07:15

Lab Sample ID: 500-92527-20
Matrix: Solid
Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	140		38	10	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Isophorone	<190		190	43	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Naphthalene	28	J	38	5.9	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Phenanthrene	260		38	5.4	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Phenol	<190		190	86	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1
Pyrene	660		38	7.7	ug/Kg	☼	02/24/15 18:33	02/27/15 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*47*		*35 - 137*	*02/24/15 18:33*	*02/27/15 17:02*	*1*
2-Fluorobiphenyl	*52*		*25 - 119*	*02/24/15 18:33*	*02/27/15 17:02*	*1*
2-Fluorophenol	*47*		*25 - 110*	*02/24/15 18:33*	*02/27/15 17:02*	*1*
Nitrobenzene-d5	*42*		*25 - 115*	*02/24/15 18:33*	*02/27/15 17:02*	*1*
Phenol-d5	*44*		*31 - 110*	*02/24/15 18:33*	*02/27/15 17:02*	*1*
Terphenyl-d14	*84*		*36 - 134*	*02/24/15 18:33*	*02/27/15 17:02*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J B	0.050	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Barium	0.49	J	0.50	0.050	mg/L		03/03/15 08:55	03/03/15 21:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/03/15 08:55	03/03/15 21:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/03/15 08:55	03/03/15 21:43	1
Chromium	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Cobalt	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Copper	0.023	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Iron	0.23		0.20	0.20	mg/L		03/03/15 08:55	03/03/15 21:43	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/03/15 08:55	03/03/15 21:43	1
Manganese	3.1		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Nickel	0.011	J	0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Selenium	<0.050		0.050	0.020	mg/L		03/03/15 08:55	03/03/15 21:43	1
Silver	<0.025		0.025	0.010	mg/L		03/03/15 08:55	03/03/15 21:43	1
Zinc	0.050	J	0.10	0.020	mg/L		03/03/15 08:55	03/03/15 21:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.064		0.050	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Barium	0.77		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 14:09	1
Beryllium	0.0086		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 14:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 14:09	1
Chromium	0.21		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Cobalt	0.12		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Copper	0.27		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Iron	170		0.20	0.20	mg/L		03/03/15 07:00	03/03/15 21:57	1
Lead	0.19		0.038	0.038	mg/L		03/01/15 15:00	03/02/15 19:26	5
Manganese	2.5		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Nickel	0.29		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:09	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 14:09	1

Client Sample ID: RV-2(0-5)-022315D
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Lab Sample ID: 500-92527-20
Matrix: Solid

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		03/01/15 15:00	03/02/15 14:09	1
Zinc	**0.58**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 14:09	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.23	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Arsenic	**3.8**		0.55	0.25	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Barium	**42**		0.55	0.10	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Beryllium	**0.61**		0.22	0.048	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Cadmium	**0.081**	**J**	0.11	0.032	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Calcium	**75000**		110	35	mg/Kg	☼	02/24/15 15:45	02/26/15 23:27	10
Chromium	**15**		0.55	0.095	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Cobalt	**11**		0.27	0.062	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Copper	**80**		0.55	0.12	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Iron	**15000**	**B**	11	4.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Lead	**11**		0.27	0.14	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Magnesium	**30000**		5.5	2.2	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Manganese	**480**		0.55	0.11	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Nickel	**27**		0.55	0.15	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Potassium	**2100**		27	4.5	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Selenium	**0.31**	**J**	0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Sodium	**2100**		55	7.3	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Thallium	<0.55		0.55	0.27	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Vanadium	**17**		0.27	0.080	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1
Zinc	**49**	**B**	1.1	0.35	mg/Kg	☼	02/24/15 15:45	02/26/15 04:56	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 09:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/03/15 11:25	03/04/15 10:56	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	**9.0**	**J**	19	6.6	ug/Kg	☼	02/25/15 15:30	02/26/15 11:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.78**		0.200	0.200	SU			02/25/15 10:51	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
X	Surrogate is outside control limits
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

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
E	Result exceeded calibration range.
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL. The data are considered valid because the absolute difference is less than the RL.
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.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: IDOT - Winnetka - WO 007

TestAmerica Job ID: 500-92527-1

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
8260B	5030B	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

* Certification renewal pending - certification considered valid.

TestAmerica

THE LEADER IN ENVIRONMENTAL

2417 Bond Street, University Park, IL 6
Phone: 708.534.5200 Fax: 708.53

500-92527 COC

(optional)
Report To
Contact: S. Babusukumar
Company: Weston
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-92527
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 3.2

Client: Weston
Client Project #:
Project Name: IDOT 007 : Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M Straw
Lab PM: D. Wright

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

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	Preservative	7	7	7	7	7					Comments
							Parameter	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	pH					
1		RV-25(0-6)-022315	2/23/15	0920	2	S		X	X	X	X	X					
2		RV-23(0-6)-022315		0935													
3		RV-19(0-2)-022315		0955													
4		RV-17(0-5)-022315		1010													
5		RV-17(0-5)-022315D		1010													1010 time zone
6		RV-17(5-10)-022315		1015													
7		RV-15(0-5)-022315		1105													
8		RV-15(5-10)-022315		1110													
9		RV-28(0-2)-022315		1120													
10		RV-12(0-2)-022315		1130													

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 [X] Disposal by Lab [ ] Archive for ____ Months (A fee may be assessed if samples are retained longer than 1 month)

	Relinquished By	Company	Date	Time	Received By	Company	Date	Time
1		Weston	2/23/15	1405		TA	2/23/15	1405
2		TA	2/23/15	1545		TA-CHI	2/24/15	0715
3								

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-500 (1209)

3/5/2015

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. Babusukumar
Company: Weston Solutions
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-500-92527
Chain of Custody Number:
Page 2 of 3
Temperature °C of Cooler:

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Strow
Lab PM: D. Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	Total Metals (Pres. 7)	TCLP/SPLP Metals (Pres. 7)	pH (Pres. 7)					Comments
11		RV-10 (0-6)-022315	2/23/15	1150	2	S	X	X	X	X	X					
12		RV-10 (6-12)-022315	↓	1155	↓	↓	↓	↓	↓	↓	↓					
13		RV-10 (6-12)-022315D		1155												
14		RV-27 (0-2)-022315		1215												
15		RV-26 (0-2)-022315		~~1230~~												1320 time
16		RV-4 (0-5)-022315		1255												
17		RV-4 (5-9)-022315		1300												RV-4 (5-9)
		~~RV-4 (5-10)-022315D~~														did not sample
		~~RV-4 (10-10.5)-022315~~														did not sample
18		RV-2 (0-5)-022315	↓	1340	↓	↓	↓	↓	↓	↓	↓					

Preservative Key
1. HCL, Cool to 4°
2. H2SO4, Cool to 4°
3. HNO3, Cool to 4°
4. NaOH, Cool to 4°
5. NaOH/Zn, Cool to 4°
6. NaHSO4
7. Cool to 4°
8. None
9. Other

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

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

Relinquished By	Company	Date	Time	Received By	Company	Date	Time
M. Strow	Weston	2/23/15	1405	[signature]	TA	2/23/15	1405
[signature]	TA	2/23/15	1545	Sherri Scott	TA-CHI	2/24/15	0915

Lab Courier: TA
Shipped:
Hand Delivered:

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

Client Comments:

Lab Comments:

TAL-4124-500 (1209)

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. Babusukumar
Company: Weston Solutions
Address: 300 Plaza Circle Ste 202
Address: Mundelein, IL 60060
Phone: (224) 864-7250
Fax:
E-Mail:

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

Chain of Custody Record

Lab Job #: 500-92527
Chain of Custody Number:
Page 3 of 3
Temperature °C of Cooler:

Client: Weston
Client Project #:
Project Name: IDOT 007: Winnetka
Project Location/State: Winnetka, IL
Lab Project #:
Sampler: M. Strow
Lab PM: D. Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	Total Metals (Pres. 7)	TCLP/SPLP Metals (Pres. 7)	pH (Pres. 7)	Comments
19		RV-2(5-10)-022315	2/23/15	1345	2	S	X	X	X	X	X	
20		RV-2(0-5)-022315D	2/23/15	1340	2	S	X	X	X	X	X	

M. Strow 2/23/15 MA

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°
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[signature]	TA	2/23/15	1545	Sherri Scott	TA-CHI	2/24/15	0715

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Client Comments:

Lab Comments:

TAL-4124-500 (1209)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15