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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd Office Phone Number, if available: _____

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

2-6 Falcon Ct, 4-6 Dove Ct, 0-99 block of Dove Ct, 2 Falcon Lakes Dr, and 0-99 block of Falcon Lakes Dr (2736-1)

City: South Barrington State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.096721929 (Decimal Degrees) Longitude: -88.141291865 (-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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd

Latitude: 42.096721929 Longitude: -88.141291865

Uncontaminated Site Certification

III. Basis for Certification and Attachments

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

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

LOCATION RV-1 WAS SAMPLED ADJACENT TO ISGS SITE No. 2736-1. SEE FIGURE 3-1 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-92607-1.

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

I, William F. Karlovitz, P.E. (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 Plaza Circle, Suite 202

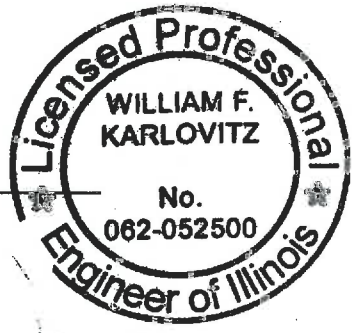
City: Mundelein State: IL Zip Code: 60060-2342

Phone: 224-864-7267

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

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

April 2, 2015
Date:



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

Summary Table of ISGS Site No. 2736-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	RV-1(0-6)-022515	RV-1(6-13)-022515	Soil Reference Concentrations[A]
Sample Date	2/25/2015	2/25/2015	
Location ID	RV-1	RV-1	
Depth	0 - 6	6 - 13	
Location ID	2736-1	2736-1	
Parameter			
Laboratory pH (s.u.)	8.63	8.07	<6.25,>9.0
VOCs (ug/kg)	None Detected		
SVOCs (ug/kg)			
Benzo(a)pyrene	13 J	ND	90 / 1300 / 2100
Benzo(b)fluoranthene	16 J	ND	900 / 1500 / 2100
Benzo(g,h,i)perylene	23 J	15 J	---
Chrysene	14 J	12 J	88000
Fluoranthene	12 J	ND	3100000
Indeno(1,2,3-cd)pyrene	17 J	ND	900 / 900 / 1600
Phenanthrene	ND	27 J	---
Pyrene	17 J	14 J	2300000
Total Metals (mg/kg)			
Arsenic, Total	5.8 J	7.3 J	11.3 / 13
Barium, Total	40 J	26 J	1500
Beryllium, Total	0.67	0.55	22
Cadmium, Total	0.26 J-	0.21 J-	5.2
Calcium, Total	49000 J	86000 J	---
Chromium, Total	19 J+	15 J+	21
Cobalt, Total	7.9 J	9.6 J	20
Copper, Total	21 J	20 J	2900
Iron, Total	19000 J	19000 J	15000 / 15900
Lead, Total	12 J	9.8 J	107
Magnesium, Total	29000 J	37000 J	325000
Manganese, Total	320 J-	370 J-	630 / 636
Mercury, Total	0.022	0.013 J	0.89
Nickel, Total	24 J-	22 J-	100
Potassium, Total	3600 J+	3100 J+	---
Sodium, Total	830 J	1100 J	---
Thallium, Total	0.65	0.58	2.6
Vanadium, Total	21	16	550
Zinc, Total	45 J-	40 J-	5100
TCLP Metals (mg/l)			
Barium, TCLP	0.29 J	0.24 J	2
Cobalt, TCLP	ND	0.012 J	1
Copper, TCLP	0.024 J	0.039	0.65
Manganese, TCLP	0.37	0.83	0.15
Nickel, TCLP	ND	0.023 J	0.1
Zinc, TCLP	0.036 J	0.053 J	5
SPLP Metals (mg/l)			
Arsenic, SPLP	0.079	0.047 J	0.05
Barium, SPLP	0.49 J	0.35 J	2
Beryllium, SPLP	0.0085	0.0064	0.004
Chromium, SPLP	0.19	0.15	0.1
Cobalt, SPLP	0.046	0.053	1
Copper, SPLP	0.26	0.23	0.65
Iron, SPLP	190 J+	140 J+	5
Lead, SPLP	0.12	0.098	0.0075
Manganese, SPLP	0.65	0.56	0.15
Nickel, SPLP	0.23	0.19	0.1
Zinc, SPLP	0.57	0.46	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.

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: 500-92607-1
Client Project/Site: IDOT - South Barrington - WO 009

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/9/2015 4:10:21 PM

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

Client Sample ID: RV-1(0-6)-022515
Date Collected: 02/25/15 12:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-17
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	☼		03/03/15 13:49	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 13:49	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 13:49	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		03/03/15 13:49	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		03/03/15 13:49	1
Carbon disulfide	<5.9		5.9	0.89	ug/Kg	☼		03/03/15 13:49	1
Carbon tetrachloride	<5.9	*	5.9	1.1	ug/Kg	☼		03/03/15 13:49	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		03/03/15 13:49	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 13:49	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		03/03/15 13:49	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 13:49	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		03/03/15 13:49	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 13:49	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 13:49	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		03/03/15 13:49	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 13:49	1
1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		03/03/15 13:49	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		03/03/15 13:49	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 13:49	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 13:49	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		03/03/15 13:49	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 13:49	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		03/03/15 13:49	1
methyl isobutyl ketone	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 13:49	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		03/03/15 13:49	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 13:49	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 13:49	1
Tetrachloroethene	<5.9		5.9	0.91	ug/Kg	☼		03/03/15 13:49	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		03/03/15 13:49	1
trans-1,2-Dichloroethene	<5.9		5.9	0.82	ug/Kg	☼		03/03/15 13:49	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		03/03/15 13:49	1
1,1,1-Trichloroethane	<5.9		5.9	0.89	ug/Kg	☼		03/03/15 13:49	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 13:49	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		03/03/15 13:49	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 13:49	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		03/03/15 13:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 122*		*03/03/15 13:49*	*1*
Dibromofluoromethane	*83*		*75 - 120*		*03/03/15 13:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*78*		*70 - 134*		*03/03/15 13:49*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*03/03/15 13:49*	*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	☼	02/27/15 07:14	03/06/15 20:10	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: RV-1(0-6)-022515
Date Collected: 02/25/15 12:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-17
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	☼	02/27/15 07:14	03/06/15 20:10	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Benzo[a]pyrene	**13**	**J**	38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Benzo[b]fluoranthene	**16**	**J**	38	8.3	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Benzo[g,h,i]perylene	**23**	**J**	38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Carbazole	<190		190	99	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Chrysene	**14**	**J**	38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Fluoranthene	**12**	**J**	38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: RV-1(0-6)-022515
Date Collected: 02/25/15 12:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-17
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	17	J	38	9.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Phenol	<190		190	85	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1
Pyrene	17	J	38	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 20:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*52*		*35 - 137*	*02/27/15 07:14*	*03/06/15 20:10*	*1*
2-Fluorobiphenyl	*53*		*25 - 119*	*02/27/15 07:14*	*03/06/15 20:10*	*1*
2-Fluorophenol	*44*		*25 - 110*	*02/27/15 07:14*	*03/06/15 20:10*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*02/27/15 07:14*	*03/06/15 20:10*	*1*
Phenol-d5	*48*		*31 - 110*	*02/27/15 07:14*	*03/06/15 20:10*	*1*
Terphenyl-d14	*92*		*36 - 134*	*02/27/15 07:14*	*03/06/15 20:10*	*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		03/05/15 08:20	03/05/15 19:40	1
Barium	0.29	J	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:40	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Copper	0.024	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:40	1
Manganese	0.37		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:40	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:40	1
Zinc	0.036	J	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.079		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Barium	0.49	J	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:20	1
Beryllium	0.0085		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:20	1
Chromium	0.19		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Cobalt	0.046		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Copper	0.26		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Iron	190		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:20	1
Lead	0.12		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:55	5
Manganese	0.65		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Nickel	0.23		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:20	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:20	1

Client Sample ID: RV-1(0-6)-022515
Date Collected: 02/25/15 12:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-17
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	03/03/15 04:20	1
Zinc	**0.57**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:20	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.48**	**J B**	1.1	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Arsenic	**5.8**		0.57	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Barium	**40**		0.57	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Beryllium	**0.67**		0.23	0.049	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Cadmium	**0.26**		0.11	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Calcium	**49000**		11	3.7	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Chromium	**19**		0.57	0.098	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Cobalt	**7.9**		0.28	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Copper	**21**		0.57	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Iron	**19000**		11	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Lead	**12**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Magnesium	**29000**		5.7	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Manganese	**320**		0.57	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Nickel	**24**		0.57	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Potassium	**3600**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Silver	<0.28		0.28	0.067	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Sodium	**830**		57	7.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Thallium	**0.65**		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Vanadium	**21**		0.28	0.083	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	1
Zinc	**45**	**B**	1.1	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 06:45	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		03/05/15 12:30	03/05/15 19:03	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		03/04/15 11:55	03/05/15 12:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**22**		20	6.9	ug/Kg	☼	02/26/15 15:30	02/27/15 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.63**		0.200	0.200	SU			02/27/15 12:07	1

Client Sample ID: RV-1(6-13)-022515
Date Collected: 02/25/15 12:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-18
Matrix: Solid
Percent Solids: 84.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.0		6.0	2.6	ug/Kg	☼		03/03/15 14:13	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		03/03/15 14:13	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		03/03/15 14:13	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		03/03/15 14:13	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		03/03/15 14:13	1
Carbon disulfide	<6.0		6.0	0.89	ug/Kg	☼		03/03/15 14:13	1
Carbon tetrachloride	<6.0	*	6.0	1.1	ug/Kg	☼		03/03/15 14:13	1
Chlorobenzene	<6.0		6.0	0.60	ug/Kg	☼		03/03/15 14:13	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		03/03/15 14:13	1
Chloroform	<6.0		6.0	0.68	ug/Kg	☼		03/03/15 14:13	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		03/03/15 14:13	1
cis-1,2-Dichloroethene	<6.0		6.0	0.84	ug/Kg	☼		03/03/15 14:13	1
cis-1,3-Dichloropropene	<6.0		6.0	0.78	ug/Kg	☼		03/03/15 14:13	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		03/03/15 14:13	1
1,1-Dichloroethane	<6.0		6.0	0.94	ug/Kg	☼		03/03/15 14:13	1
1,2-Dichloroethane	<6.0		6.0	0.88	ug/Kg	☼		03/03/15 14:13	1
1,1-Dichloroethene	<6.0		6.0	0.96	ug/Kg	☼		03/03/15 14:13	1
1,2-Dichloropropane	<6.0		6.0	0.90	ug/Kg	☼		03/03/15 14:13	1
1,3-Dichloropropene, Total	<6.0		6.0	0.78	ug/Kg	☼		03/03/15 14:13	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		03/03/15 14:13	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		03/03/15 14:13	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		03/03/15 14:13	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		03/03/15 14:13	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		03/03/15 14:13	1
Methyl tert-butyl ether	<6.0		6.0	0.98	ug/Kg	☼		03/03/15 14:13	1
Styrene	<6.0		6.0	0.78	ug/Kg	☼		03/03/15 14:13	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		03/03/15 14:13	1
Tetrachloroethene	<6.0		6.0	0.91	ug/Kg	☼		03/03/15 14:13	1
Toluene	<6.0		6.0	0.83	ug/Kg	☼		03/03/15 14:13	1
trans-1,2-Dichloroethene	<6.0		6.0	0.82	ug/Kg	☼		03/03/15 14:13	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		03/03/15 14:13	1
1,1,1-Trichloroethane	<6.0		6.0	0.89	ug/Kg	☼		03/03/15 14:13	1
1,1,2-Trichloroethane	<6.0		6.0	0.81	ug/Kg	☼		03/03/15 14:13	1
Trichloroethene	<6.0		6.0	0.98	ug/Kg	☼		03/03/15 14:13	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		03/03/15 14:13	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		03/03/15 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 122*		*03/03/15 14:13*	*1*
Dibromofluoromethane	*83*		*75 - 120*		*03/03/15 14:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*82*		*70 - 134*		*03/03/15 14:13*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*03/03/15 14:13*	*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	☼	02/27/15 07:14	03/06/15 20:34	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
1,3-Dichlorobenzene	<200		200	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
1,4-Dichlorobenzene	<200		200	51	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,2'-oxybis[1-chloropropane]	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: RV-1(6-13)-022515
Date Collected: 02/25/15 12:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-18
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	90	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,4,6-Trichlorophenol	<390		390	140	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,4-Dichlorophenol	<390		390	94	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,4-Dinitrophenol	<800		800	700	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,4-Dinitrotoluene	<200		200	63	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2,6-Dinitrotoluene	<200		200	78	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Chloronaphthalene	<200		200	44	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Chlorophenol	<200		200	68	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Methylnaphthalene	<39		39	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Methylphenol	<200		200	63	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
2-Nitrophenol	<390		390	93	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
3 & 4 Methylphenol	<200		200	66	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4,6-Dinitro-2-methylphenol	<390		390	320	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Bromophenyl phenyl ether	<200		200	52	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Chloroaniline	<800		800	190	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Nitroaniline	<390		390	170	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
4-Nitrophenol	<800		800	380	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Acenaphthene	<39		39	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Acenaphthylene	<39		39	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Anthracene	<39		39	6.6	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Benzo[a]anthracene	<39		39	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Benzo[a]pyrene	<39		39	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Benzo[b]fluoranthene	<39		39	8.5	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Benzo[g,h,i]perylene	**15**	**J**	39	13	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Benzo[k]fluoranthene	<39		39	12	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Bis(2-ethylhexyl) phthalate	<200		200	72	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Butyl benzyl phthalate	<200		200	75	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Carbazole	<200		200	100	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Chrysene	**12**	**J**	39	11	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Dibenz(a,h)anthracene	<39		39	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Dibenzofuran	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Diethyl phthalate	<200		200	67	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Dimethyl phthalate	<200		200	52	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Di-n-butyl phthalate	<200		200	60	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Di-n-octyl phthalate	<200		200	65	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Fluoranthene	<39		39	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Fluorene	<39		39	5.6	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Hexachlorobenzene	<80		80	9.2	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Hexachlorobutadiene	<200		200	62	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Hexachlorocyclopentadiene	<800		800	230	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Hexachloroethane	<200		200	60	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: RV-1(6-13)-022515
Date Collected: 02/25/15 12:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-18
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	<39		39	10	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Isophorone	<200		200	44	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Naphthalene	<39		39	6.1	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Nitrobenzene	<39		39	9.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
N-Nitrosodiphenylamine	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Pentachlorophenol	<800		800	630	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Phenanthrene	**27**	**J**	39	5.5	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Phenol	<200		200	88	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1
Pyrene	**14**	**J**	39	7.9	ug/Kg	☼	02/27/15 07:14	03/06/15 20:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*52*		*35 - 137*	*02/27/15 07:14*	*03/06/15 20:34*	*1*
2-Fluorobiphenyl	*58*		*25 - 119*	*02/27/15 07:14*	*03/06/15 20:34*	*1*
2-Fluorophenol	*50*		*25 - 110*	*02/27/15 07:14*	*03/06/15 20:34*	*1*
Nitrobenzene-d5	*50*		*25 - 115*	*02/27/15 07:14*	*03/06/15 20:34*	*1*
Phenol-d5	*53*		*31 - 110*	*02/27/15 07:14*	*03/06/15 20:34*	*1*
Terphenyl-d14	*98*		*36 - 134*	*02/27/15 07:14*	*03/06/15 20:34*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Barium	**0.24**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:45	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Cobalt	**0.012**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Copper	**0.039**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:45	1
Manganese	**0.83**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Nickel	**0.023**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:45	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:45	1
Zinc	**0.053**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.047**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Barium	**0.35**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:25	1
Beryllium	**0.0064**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:25	1
Chromium	**0.15**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Cobalt	**0.053**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Copper	**0.23**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Iron	**140**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:25	1
Lead	**0.098**		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:59	5
Manganese	**0.56**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Nickel	**0.19**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:25	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:25	1

Client Sample ID: RV-1(6-13)-022515
Date Collected: 02/25/15 12:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-18
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	03/03/15 04:25	1
Zinc	**0.46**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:25	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.51**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Arsenic	**7.3**		0.56	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Barium	**26**		0.56	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Beryllium	**0.55**		0.22	0.048	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Cadmium	**0.21**		0.11	0.032	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Calcium	**86000**		110	36	mg/Kg	☼	02/26/15 16:06	02/28/15 18:59	10
Chromium	**15**		0.56	0.096	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Cobalt	**9.6**		0.28	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Copper	**20**		0.56	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Iron	**19000**		11	4.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Lead	**9.8**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Magnesium	**37000**		5.6	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Manganese	**370**		0.56	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Nickel	**22**		0.56	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Potassium	**3100**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Sodium	**1100**		56	7.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Thallium	**0.58**		0.56	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Vanadium	**16**		0.28	0.081	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	1
Zinc	**40**	**B**	1.1	0.35	mg/Kg	☼	02/26/15 16:06	02/28/15 06:51	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		03/05/15 12:30	03/05/15 19:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/04/15 11:55	03/05/15 12:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**13**	**J**	17	6.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.07**		0.200	0.200	SU			02/27/15 12:10	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control 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
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 - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

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

500-92607 COC

Report To (optional)
Contact: S. Babusukumar
Company: Weston Solutions, Inc.
Address: 300 Plaza Circle # 202
Address: Mundelein, IL 60060
Phone: 224-864-7250
Fax:
E-Mail: Babu.Babusukumar@westonsolutions.com

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

Chain of Custody Record

Lab Job #: 500-92607
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 2.7, 3.2, 3.5

Client: Weston Solutions, Inc.	Client Project #: 009
Project Name: IDOT-South Barrington WO 009	
Project Location/State: South Barrington, IL	Lab Project #: 50010640
Sampler: Sena	Lab PM: Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	metals (Pres. 7)	TCLP/SPLP metals (Pres. 7)	pH (Pres. 7)					Comments
1		WW-1(0-7)-022515	2-25-15	8:15	2	SO	X	X	X	X	X					
2		WW-1(0-7)-022515 D	↓	8:15	↓	↓	↓	↓	↓	↓	↓					
3		WW-2(0-7)-022515	↓	8:35	↓	↓	↓	↓	↓	↓	↓					
4		WW-3(0-7)-022515	↓	8:50	↓	↓	↓	↓	↓	↓	↓					
5		WW-4(0-7)-022515	↓	9:10	↓	↓	↓	↓	↓	↓	↓					
6		WW-5(0-7)-022515	↓	9:30	↓	↓	↓	↓	↓	↓	↓					
7		WW-6(0-7)-022515	↓	9:45	↓	↓	↓	↓	↓	↓	↓					
8		WW-7(0-7)-022515	↓	10:00	↓	↓	↓	↓	↓	↓	↓					
9		WW-8(0-6)-022515	↓	10:15	↓	↓	↓	↓	↓	↓	↓					
10		WW-8(6-13)-022515	2-25-15	10:20	2	SO	X	X	X	X	X					

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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Stnd 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
David Serra	Weston	2-25-15	1550	P. Neal	TA	2/25/15	1550
P. Neal	TA	2/25/15	1737	Shawn [illegible]	TA-CHI	2/26/15	0915

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)

3/9/2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Chain of Custody Record

Lab Job #: 500-92607

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

Report To (optional)		Bill To (optional)	
Contact:	Weston Solutions, Inc.	Contact:	SAME
Company:	Baba Babasukumar	Company:	
Address:	300 Plaza Circle #202	Address:	
Address:	Mundelein, IL 60060	Address:	
Phone:	224-864-7250	Phone:	
Fax:		Fax:	
E-Mail:	Baba.Babasukumar@westonsolutions.com	PO#/Reference#	

Client: Weston Solutions, Inc. Client Project #: 009

Project Name: South Barrington, IL

Project Location/State: IDOT - South Barrington WO #009 Lab Project #: 50010640

Sampler: Sena Lab PM: 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	metals	TCLP/SPLP Metals	pH					
11		WW-9(0-7) - 022515	2-25-15	10:40	2	SO		X	X	X	X	X					
12		WW-9(0-7) - 022515D		10:40													
13		WW-10(0-7) - 022515		10:50													
14		CF-1(0-7) - 022515		11:05													
15		CF-2(0-6) - 022515		11:25													
16		CF-2(6-13) - 022515		11:30													
17		RV-1(0-6) - 022515		12:30													
18		RV-1(6-13) - 022515		12:35													
19		WC-1(0-6) - 022515		12:55													
20		WC-1(6-13) - 022515	2-25-15	13:00	2	SO		X	X	X	X	X					

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Std 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	David Sena	Weston	2-25-15	15:50		TA	2/25/15	1550
2		TA	2/25/15	1730		TA-CHI	2/26/15	0715
3								

Lab Courier: TA

Shipped:

Hand Delivered:

Matrix Key

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

Client Comments:

Lab Comments:

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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd Office Phone Number, if available: _____

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

0-99 block of Algonquin Road (NW corner of Algonquin Road and Barrington Road) (2736-2)

City: South Barrington State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.097041380 (Decimal Degrees) Longitude: -88.141452530 (-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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd

Latitude: 42.097041380 Longitude: -88.141452530

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 CF-1 AND CF-2 WERE SAMPLED ADJACENT TO ISGS SITE No. 2736-2. SEE FIGURE 3-1 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-92607-1.

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

I, William F. Karlovitz, P.E. (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 Plaza Circle, Suite 202

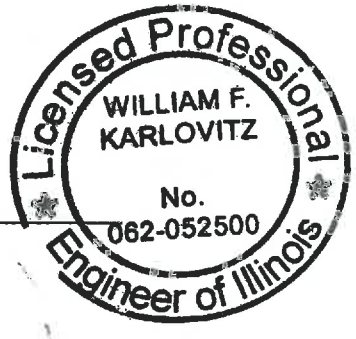
City: Mundelein State: IL Zip Code: 60060-2342

Phone: 224-864-7267

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

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

April 2, 2015
Date:



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

Summary Table of ISGS Site No. 2736-2
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	CF-1(0-7)-022515	CF-2(0-6)-022515	CF-2(6-13)-022515	**Soil Reference Concentrations[A]**
Sample Date	2/25/2015	2/25/2015	2/25/2015	
Location ID	CF-1	CF-2	CF-2	
Depth	0 - 7	0 - 6	6 - 13	
Location ID	2736-2	2736-2	2736-2	
Parameter				
Laboratory pH (s.u.)	8.01	7.93	7.99	<6.25,>9.0
VOCs (ug/kg)	None Detected			
SVOCs (ug/kg)				
2-Methylnaphthalene	ND	ND	15 J	---
Benzo(g,h,i)perylene	ND	ND	2 J	---
Chrysene	ND	ND	13 J	88000
Phenanthrene	ND	ND	31 J	---
Pyrene	ND	ND	14 J	2300000
Total Metals (mg/kg)				
Arsenic, Total	4.8 J	6.1 J	6.8 J	11.3 / 13
Barium, Total	31 J	26 J	28 J	1500
Beryllium, Total	0.58	0.55	0.52	22
Cadmium, Total	0.3 J-	0.35 J-	0.34 J-	5.2
Calcium, Total	73000 J	81000 J	100000 J	---
Chromium, Total	17 J+	15 J+	14 J+	21
Cobalt, Total	8.8 J	6.1 J	8.7 J	20
Copper, Total	22 J	20 J	20 J	2900
Iron, Total	18000 J	17000 J	17000 J	15000 / 15900
Lead, Total	9.8 J	10 J	9.6 J	107
Magnesium, Total	33000 J	39000 J	47000 J	325000
Manganese, Total	380 J-	320 J-	360 J-	630 / 636
Mercury, Total	0.013 J	0.013 J	0.014 J	0.89
Nickel, Total	26 J-	18 J-	22 J-	100
Potassium, Total	3400 J+	3400 J+	3300 J+	---
Sodium, Total	260 J	590 J	180 J	---
Thallium, Total	0.92	0.75	0.65	2.6
Vanadium, Total	18	17	15	550
Zinc, Total	44 J-	43 J-	41 J-	5100
TCLP Metals (mg/l)				
Barium, TCLP	0.34 J	0.22 J	0.45 J	2
Cobalt, TCLP	ND	ND	0.033	1
Copper, TCLP	0.021 J	0.021 J	0.02 J	0.65
Manganese, TCLP	0.74	0.91	1.6	0.15
Nickel, TCLP	0.011 J	ND	0.062	0.1
Zinc, TCLP	0.029 J	0.023 J	0.032 J	5
SPLP Metals (mg/l)				
Arsenic, SPLP	ND	0.03 J	ND	0.05
Barium, SPLP	ND	0.19 J	0.062 J	2
Beryllium, SPLP	ND	0.004	ND	0.004
Chromium, SPLP	0.014 J	0.08	ND	0.1
Cobalt, SPLP	ND	0.031	ND	1
Copper, SPLP	0.041	0.11	0.047	0.65
Iron, SPLP	6.1 J+	83 J+	1 J+	5
Lead, SPLP	ND	0.034	ND	0.0075
Manganese, SPLP	0.034	0.36	0.033	0.15
Nickel, SPLP	ND	0.1	ND	0.1
Zinc, SPLP	0.088 J	0.28	0.064 J	5

Notes:

--- - not applicable or value not available.

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

ND - Constituent not detected above the reporting limit.

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: 500-92607-1
Client Project/Site: IDOT - South Barrington - WO 009

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/9/2015 4:10:21 PM

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

Client Sample ID: CF-1(0-7)-022515
Date Collected: 02/25/15 11:05
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-14
Matrix: Solid
Percent Solids: 85.4

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.5	ug/Kg	☼		03/02/15 20:18	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		03/02/15 20:18	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/02/15 20:18	1
Bromoform	<5.9		5.9	1.3	ug/Kg	☼		03/02/15 20:18	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		03/02/15 20:18	1
Carbon disulfide	<5.9		5.9	0.87	ug/Kg	☼		03/02/15 20:18	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		03/02/15 20:18	1
Chlorobenzene	<5.9		5.9	0.59	ug/Kg	☼		03/02/15 20:18	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		03/02/15 20:18	1
Chloroform	<5.9		5.9	0.67	ug/Kg	☼		03/02/15 20:18	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 20:18	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		03/02/15 20:18	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 20:18	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/02/15 20:18	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		03/02/15 20:18	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		03/02/15 20:18	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		03/02/15 20:18	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		03/02/15 20:18	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 20:18	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 20:18	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		03/02/15 20:18	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		03/02/15 20:18	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		03/02/15 20:18	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		03/02/15 20:18	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		03/02/15 20:18	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 20:18	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 20:18	1
Tetrachloroethene	<5.9		5.9	0.89	ug/Kg	☼		03/02/15 20:18	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		03/02/15 20:18	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		03/02/15 20:18	1
trans-1,3-Dichloropropene	<5.9		5.9	1.0	ug/Kg	☼		03/02/15 20:18	1
1,1,1-Trichloroethane	<5.9		5.9	0.87	ug/Kg	☼		03/02/15 20:18	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		03/02/15 20:18	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		03/02/15 20:18	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 20:18	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/02/15 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 122*		*03/02/15 20:18*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*03/02/15 20:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*74*		*70 - 134*		*03/02/15 20:18*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*03/02/15 20:18*	*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	☼	02/27/15 07:14	03/08/15 21:47	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-1(0-7)-022515
Date Collected: 02/25/15 11:05
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-14
Matrix: Solid
Percent Solids: 85.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<370		370	84	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,4-Dinitrophenol	<740		740	650	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Methylnaphthalene	<37		37	6.8	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Methylphenol	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Chloroaniline	<740		740	170	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
4-Nitrophenol	<740		740	350	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Acenaphthene	<37		37	6.6	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Anthracene	<37		37	6.2	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Benzo[a]pyrene	<37		37	7.1	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Bis(2-ethylhexyl) phthalate	<190		190	67	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Carbazole	<190		190	95	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Chrysene	<37		37	10	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Dibenzofuran	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Fluoranthene	<37		37	6.8	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Fluorene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Hexachlorobenzene	<74		74	8.6	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Hexachlorocyclopentadiene	<740		740	210	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Hexachloroethane	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-1(0-7)-022515
Date Collected: 02/25/15 11:05
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-14
Matrix: Solid
Percent Solids: 85.4

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	<37		37	9.6	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Isophorone	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Naphthalene	<37		37	5.7	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Pentachlorophenol	<740		740	590	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Phenanthrene	<37		37	5.1	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Phenol	<190		190	82	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1
Pyrene	<37		37	7.3	ug/Kg	☼	02/27/15 07:14	03/08/15 21:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*58*		*35 - 137*	*02/27/15 07:14*	*03/08/15 21:47*	*1*
2-Fluorobiphenyl	*50*		*25 - 119*	*02/27/15 07:14*	*03/08/15 21:47*	*1*
2-Fluorophenol	*47*		*25 - 110*	*02/27/15 07:14*	*03/08/15 21:47*	*1*
Nitrobenzene-d5	*49*		*25 - 115*	*02/27/15 07:14*	*03/08/15 21:47*	*1*
Phenol-d5	*38*		*31 - 110*	*02/27/15 07:14*	*03/08/15 21:47*	*1*
Terphenyl-d14	*76*		*36 - 134*	*02/27/15 07:14*	*03/08/15 21:47*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Barium	**0.34**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:25	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Copper	**0.021**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:25	1
Manganese	**0.74**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Nickel	**0.011**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:25	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:25	1
Zinc	**0.029**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:25	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	03/03/15 04:08	1
Barium	<0.50		0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:08	1
Chromium	**0.014**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:08	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:08	1
Copper	**0.041**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:08	1
Iron	**6.1**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 04:08	1
Manganese	**0.034**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:08	1
Nickel	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:08	1

Client Sample ID: CF-1(0-7)-022515
Date Collected: 02/25/15 11:05
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-14
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	03/03/15 04:08	1
Zinc	**0.088**	**J**	0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:08	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.53**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Arsenic	**4.8**		0.57	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Barium	**31**		0.57	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Beryllium	**0.58**		0.23	0.049	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Cadmium	**0.30**		0.11	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Calcium	**73000**		110	36	mg/Kg	☼	02/26/15 16:06	02/28/15 18:36	10
Chromium	**17**		0.57	0.097	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Cobalt	**8.8**		0.28	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Copper	**22**		0.57	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Iron	**18000**		11	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Lead	**9.8**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Magnesium	**33000**		5.7	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Manganese	**380**		0.57	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Nickel	**26**		0.57	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Potassium	**3400**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Sodium	**260**		57	7.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Thallium	**0.92**		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Vanadium	**18**		0.28	0.083	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	1
Zinc	**44**	**B**	1.1	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 06:11	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		03/05/15 12:30	03/05/15 18:54	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		03/04/15 11:55	03/05/15 12:51	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	5.9	ug/Kg	☼	02/26/15 15:30	02/27/15 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.01**		0.200	0.200	SU			02/27/15 11:53	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-2(0-6)-022515
Date Collected: 02/25/15 11:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-15
Matrix: Solid
Percent Solids: 86.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	☼		03/03/15 13:00	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		03/03/15 13:00	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:00	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		03/03/15 13:00	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		03/03/15 13:00	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		03/03/15 13:00	1
Carbon tetrachloride	<5.8	*	5.8	1.1	ug/Kg	☼		03/03/15 13:00	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		03/03/15 13:00	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		03/03/15 13:00	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		03/03/15 13:00	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:00	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		03/03/15 13:00	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:00	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:00	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		03/03/15 13:00	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		03/03/15 13:00	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		03/03/15 13:00	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		03/03/15 13:00	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:00	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:00	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		03/03/15 13:00	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		03/03/15 13:00	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		03/03/15 13:00	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		03/03/15 13:00	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		03/03/15 13:00	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:00	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:00	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		03/03/15 13:00	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		03/03/15 13:00	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		03/03/15 13:00	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:00	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		03/03/15 13:00	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		03/03/15 13:00	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		03/03/15 13:00	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:00	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/03/15 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 122*		*03/03/15 13:00*	*1*
Dibromofluoromethane	*81*		*75 - 120*		*03/03/15 13:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*77*		*70 - 134*		*03/03/15 13:00*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*03/03/15 13:00*	*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	☼	02/27/15 07:14	03/08/15 22:04	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-2(0-6)-022515
Date Collected: 02/25/15 11:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-15
Matrix: Solid
Percent Solids: 86.2

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	85	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,4-Dinitrophenol	<750		750	660	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Methylnaphthalene	<37		37	6.9	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
2-Nitrophenol	<370		370	88	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Chloroaniline	<750		750	170	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Acenaphthene	<37		37	6.7	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Anthracene	<37		37	6.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Benzo[a]pyrene	<37		37	7.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Carbazole	<190		190	96	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Chrysene	<37		37	10	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Fluoranthene	<37		37	6.9	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Fluorene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-2(0-6)-022515
Date Collected: 02/25/15 11:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-15
Matrix: Solid
Percent Solids: 86.2

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	<37		37	9.7	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Isophorone	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Naphthalene	<37		37	5.7	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Nitrobenzene	<37		37	9.3	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Pentachlorophenol	<750		750	600	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Phenanthrene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Phenol	<190		190	83	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1
Pyrene	<37		37	7.4	ug/Kg	☼	02/27/15 07:14	03/08/15 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*54*		*35 - 137*	*02/27/15 07:14*	*03/08/15 22:04*	*1*
2-Fluorobiphenyl	*54*		*25 - 119*	*02/27/15 07:14*	*03/08/15 22:04*	*1*
2-Fluorophenol	*53*		*25 - 110*	*02/27/15 07:14*	*03/08/15 22:04*	*1*
Nitrobenzene-d5	*58*		*25 - 115*	*02/27/15 07:14*	*03/08/15 22:04*	*1*
Phenol-d5	*49*		*31 - 110*	*02/27/15 07:14*	*03/08/15 22:04*	*1*
Terphenyl-d14	*91*		*36 - 134*	*02/27/15 07:14*	*03/08/15 22:04*	*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		03/05/15 08:20	03/05/15 19:30	1
Barium	**0.22**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:30	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Copper	**0.021**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:30	1
Manganese	**0.91**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:30	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:30	1
Zinc	**0.023**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.030**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Barium	**0.19**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:12	1
Beryllium	**0.0040**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:12	1
Chromium	**0.080**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Cobalt	**0.031**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Copper	**0.11**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Iron	**83**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:12	1
Lead	**0.034**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 04:12	1
Manganese	**0.36**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Nickel	**0.10**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:12	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:12	1

Client Sample ID: CF-2(0-6)-022515
Date Collected: 02/25/15 11:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-15
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	03/03/15 04:12	1
Zinc	**0.28**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:12	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.37**	**J B**	1.1	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Arsenic	**6.1**		0.57	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Barium	**26**		0.57	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Beryllium	**0.55**		0.23	0.049	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Cadmium	**0.35**		0.11	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Calcium	**81000**		110	37	mg/Kg	☼	02/26/15 16:06	02/28/15 18:51	10
Chromium	**15**		0.57	0.098	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Cobalt	**6.1**		0.28	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Copper	**20**		0.57	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Iron	**17000**		11	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Lead	**10**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Magnesium	**39000**		5.7	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Manganese	**320**		0.57	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Nickel	**18**		0.57	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Potassium	**3400**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Silver	<0.28		0.28	0.067	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Sodium	**590**		57	7.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Thallium	**0.75**		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Vanadium	**17**		0.28	0.083	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	1
Zinc	**43**	**B**	1.1	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 06:17	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		03/05/15 12:30	03/05/15 18:56	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		03/04/15 11:55	03/05/15 12:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**13**	**J**	18	6.4	ug/Kg	☼	02/26/15 15:30	02/27/15 12:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.93**		0.200	0.200	SU			02/27/15 11:56	1

Client Sample ID: CF-2(6-13)-022515
Date Collected: 02/25/15 11:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-16
Matrix: Solid
Percent Solids: 86.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	☼		03/03/15 13:24	1
Benzene	<5.8		5.8	0.80	ug/Kg	☼		03/03/15 13:24	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:24	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		03/03/15 13:24	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		03/03/15 13:24	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		03/03/15 13:24	1
Carbon tetrachloride	<5.8	*	5.8	1.1	ug/Kg	☼		03/03/15 13:24	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		03/03/15 13:24	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		03/03/15 13:24	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		03/03/15 13:24	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:24	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		03/03/15 13:24	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:24	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:24	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		03/03/15 13:24	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		03/03/15 13:24	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		03/03/15 13:24	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		03/03/15 13:24	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:24	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:24	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		03/03/15 13:24	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		03/03/15 13:24	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		03/03/15 13:24	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		03/03/15 13:24	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		03/03/15 13:24	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		03/03/15 13:24	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:24	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		03/03/15 13:24	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		03/03/15 13:24	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		03/03/15 13:24	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		03/03/15 13:24	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		03/03/15 13:24	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		03/03/15 13:24	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		03/03/15 13:24	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		03/03/15 13:24	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/03/15 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 122*		*03/03/15 13:24*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*03/03/15 13:24*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 134*		*03/03/15 13:24*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*		*03/03/15 13:24*	*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	☼	02/27/15 07:14	03/06/15 19:47	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-2(6-13)-022515
Date Collected: 02/25/15 11:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-16
Matrix: Solid
Percent Solids: 86.0

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	☼	02/27/15 07:14	03/06/15 19:47	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Methylnaphthalene	**15**	**J**	38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Benzo[a]anthracene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Benzo[a]pyrene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Benzo[b]fluoranthene	<38		38	8.2	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Benzo[g,h,i]perylene	**20**	**J**	38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Carbazole	<190		190	99	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Chrysene	**13**	**J**	38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Fluoranthene	<38		38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1

Client Sample ID: CF-2(6-13)-022515
Date Collected: 02/25/15 11:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-16
Matrix: Solid
Percent Solids: 86.0

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	<38		38	9.9	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Phenanthrene	**31**	**J**	38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Phenol	<190		190	85	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1
Pyrene	**14**	**J**	38	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*43*		*35 - 137*	*02/27/15 07:14*	*03/06/15 19:47*	*1*
2-Fluorobiphenyl	*54*		*25 - 119*	*02/27/15 07:14*	*03/06/15 19:47*	*1*
2-Fluorophenol	*47*		*25 - 110*	*02/27/15 07:14*	*03/06/15 19:47*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*02/27/15 07:14*	*03/06/15 19:47*	*1*
Phenol-d5	*48*		*31 - 110*	*02/27/15 07:14*	*03/06/15 19:47*	*1*
Terphenyl-d14	*81*		*36 - 134*	*02/27/15 07:14*	*03/06/15 19:47*	*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		03/05/15 08:20	03/05/15 19:35	1
Barium	**0.45**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:35	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Cobalt	**0.033**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Copper	**0.020**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:35	1
Manganese	**1.6**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Nickel	**0.062**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:35	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:35	1
Zinc	**0.032**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Barium	**0.062**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:16	1
Chromium	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Copper	**0.047**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Iron	**1.0**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 04:16	1
Manganese	**0.033**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Nickel	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:16	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:16	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: CF-2(6-13)-022515
Date Collected: 02/25/15 11:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-16
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	03/03/15 04:16	1
Zinc	**0.064**	**J**	0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.44**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Arsenic	**6.8**		0.55	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Barium	**28**		0.55	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Beryllium	**0.52**		0.22	0.048	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Cadmium	**0.34**		0.11	0.032	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Calcium	**100000**		110	36	mg/Kg	☼	02/26/15 16:06	02/28/15 18:55	10
Chromium	**14**		0.55	0.095	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Cobalt	**8.7**		0.28	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Copper	**20**		0.55	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Iron	**17000**		11	4.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Lead	**9.6**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Magnesium	**47000**		5.5	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Manganese	**360**		0.55	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Nickel	**22**		0.55	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Potassium	**3300**		28	4.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Selenium	<0.55		0.55	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Sodium	**180**		55	7.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Thallium	**0.65**		0.55	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Vanadium	**15**		0.28	0.081	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1
Zinc	**41**	**B**	1.1	0.35	mg/Kg	☼	02/26/15 16:06	02/28/15 06:24	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/05/15 12:30	03/05/15 18:57	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		03/04/15 11:55	03/05/15 12:55	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**	17	6.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.99**		0.200	0.200	SU			02/27/15 12:00	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control 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
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 - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

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 ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.53

500-92607 COC

(optional)
Report To
Contact: S. Babusukumar
Company: Weston Solutions, Inc.
Address: 300 Plaza Circle # 202
Address: Mundelein, IL 60060
Phone: 224-864-7250
Fax:
E-Mail: Babu.Babusukumar@westonsolutions.com

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

Chain of Custody Record

Lab Job #: 500-92607
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 2.7, 3.2, 3.5

Client: Weston Solutions, Inc.	Client Project #: 009
Project Name: IDOT-South Barrington WO 009	
Project Location/State: South Barrington, IL	Lab Project #: 50010640
Sampler: Sena	Lab PM: Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Preservative 7)	SVOCs (Preservative 7)	metals (Preservative 7)	TCLP/SPLP metals (Preservative 7)	pH (Preservative 7)					Comments
1		WW-1(0-7)-022515	2-25-15	8:15	2	SO	X	X	X	X	X					
2		WW-1(0-7)-022515 D	↓	8:15	↓	↓	↓	↓	↓	↓	↓					
3		WW-2(0-7)-022515	↓	8:35	↓	↓	↓	↓	↓	↓	↓					
4		WW-3(0-7)-022515	↓	8:50	↓	↓	↓	↓	↓	↓	↓					
5		WW-4(0-7)-022515	↓	9:10	↓	↓	↓	↓	↓	↓	↓					
6		WW-5(0-7)-022515	↓	9:30	↓	↓	↓	↓	↓	↓	↓					
7		WW-6(0-7)-022515	↓	9:45	↓	↓	↓	↓	↓	↓	↓					
8		WW-7(0-7)-022515	↓	10:00	↓	↓	↓	↓	↓	↓	↓					
9		WW-8(0-6)-022515	↓	10:15	↓	↓	↓	↓	↓	↓	↓					
10		WW-8(6-13)-022515	2-25-15	10:20	2	SO	X	X	X	X	X					

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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Stnd 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
David Sena	Weston	2-25-15	1550	P. Neal	TA	2/25/15	1550
P. Neal	TA	2/25/15	1737	[signature]	TA-CHI	2/26/15	0915

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)

3/9/2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Chain of Custody Record

Lab Job #: 500-92607

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

Report To (optional)		Bill To (optional)	
Contact:	Weston Solutions, Inc.	Contact:	SAME
Company:	Baba Babasukumar	Company:	
Address:	300 Plaza Circle #202	Address:	
Address:	Mundelein, IL 60060	Address:	
Phone:	224-864-7250	Phone:	
Fax:		Fax:	
E-Mail:	Baba.Babasukumar@westonsolutions.com	PO#/Reference#	

Client: Weston Solutions, Inc. Client Project #: 009

Project Name: South Barrington, IL

Project Location/State: IDOT - South Barrington WO #009 Lab Project #: 50010640

Sampler: Sena Lab PM: 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	metals	TCLP/SPLP Metals	pH					
11		WW-9(0-7) - 022515	2-25-15	10:40	2	SO		X	X	X	X	X					
12		WW-9(0-7) - 022515D		10:40													
13		WW-10(0-7) - 022515		10:50													
14		CF-1(0-7) - 022515		11:05													
15		CF-2(0-6) - 022515		11:25													
16		CF-2(6-13) - 022515		11:30													
17		RV-1(0-6) - 022515		12:30													
18		RV-1(6-13) - 022515		12:35													
19		WC-1(0-6) - 022515		12:55													
20		WC-1(6-13) - 022515	2-25-15	13:00	2	SO		X	X	X	X	X					

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Std 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	David Sena	Weston	2-25-15	15:50		TA	2/25/15	1550
2		TA	2/25/15	1730		TA-CHI	2/26/15	0715
3								

Lab Courier: TA

Shipped:

Hand Delivered:

Matrix Key

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

Client Comments:

Lab Comments:

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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd Office Phone Number, if available: _____

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

0-99 block of Algonquin Road (NE corner of Algonquin Road & Barrington Road) (2736-4)

City: South Barrington State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.096749980 (Decimal Degrees) Longitude: -88.139731322 (-Decimal Degrees)

Identify how the lat/long data were determined:

☒ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

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

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Illinois Department of Transportation	Name:	Illinois Department of Transportation
Street Address:	201 West Center Court	Street Address:	201 West Center Court
PO Box:		PO Box:	
City:	Schaumburg State: IL	City:	Schaumburg State: IL
Zip Code:	60196-1096 Phone: 847-705-4101	Zip Code:	60196-1096 Phone: 847-705-4101
Contact:	Sam Mead	Contact:	Sam Mead
Email, if available:	Sam.Mead@illinois.gov	Email, if available:	Sam.Mead@illinois.gov

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

Project Name: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd

Latitude: 42.096749980 Longitude: -88.139731322

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 WW-1 THROUGH WW-10 WERE SAMPLED ADJACENT TO ISGS SITE No. 2736-4. SEE FIGURE 3-1 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-92607-1.

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

I, William F. Karlovitz, P.E. (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 Plaza Circle, Suite 202

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

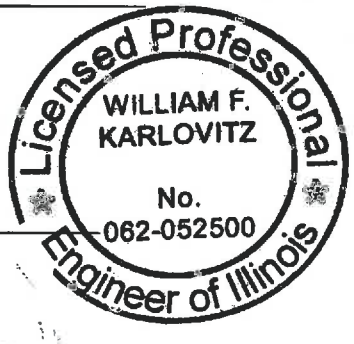
Phone: 224-864-7267

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

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

April 2, 2015
Date:

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



Summary Table of ISGS Site No. 2736-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	WW-1(0-7)-022515	WW-1(0-7)-022515D	WW-2(0-7)-022515	WW-3(0-7)-022515	WW-4(0-7)-022515	Soil Reference Concentrations[A]
Sample Date	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	
Location ID	WW-1	WW-1	WW-2	WW-3	WW-4	
Depth	0 - 7	0 - 7	0 - 7	0 - 7	0 - 7	
Location ID	2736-4	2736-4	2736-4	2736-4	2736-4	
Parameter						
Laboratory pH (s.u.)	8.08	8.07	8.16	8.07	8.39	<6.25,>9.0
VOCs (ug/kg)						
Acetone	68	45	ND	ND	ND	25000
Methyl ethyl ketone	13	8.9	ND	ND	ND	---
SVOCs (ug/kg)						
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
Benzo(a)anthracene	ND	ND	8 J	ND	9.6 J	900 / 1100 / 1800
Benzo(a)pyrene	ND	ND	11 J	ND	14 J	90 / 1300 / 2100
Benzo(b)fluoranthene	ND	ND	19 J	ND	25 J	900 / 1500 / 2100
Benzo(g,h,i)perylene	ND	ND	ND	ND	ND	---
Benzo(k)fluoranthene	ND	ND	ND	ND	ND	9000
Chrysene	ND	ND	14 J	ND	13 J	88000
Fluoranthene	ND	ND	16 J	ND	21 J	3100000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND	ND	900 / 900 / 1600
Phenanthrene	ND	ND	9.1 J	ND	11 J	---
Pyrene	ND	ND	14 J	ND	17 J	2300000
Total Metals (mg/kg)						
Arsenic, Total	6.1 J	3.6 J	6.2 J	7.1 J	7.6 J	11.3 / 13
Barium, Total	41 J	55 J	45 J	49 J	62 J	1500
Beryllium, Total	0.64	0.62	0.59	0.68	0.65	22
Cadmium, Total	0.22 J-	0.24 J-	0.25 J-	0.3 J-	0.3 J-	5.2
Calcium, Total	68000 J	82000 J	120000 J	81000 J	43000 J	---
Chromium, Total	18 J+	18 J+	18 J+	19 J+	18 J+	21
Cobalt, Total	9.8 J	7.7 J	6.9 J	11 J	8.9 J	20
Copper, Total	20 J	16 J	18 J	21 J	23 J	2900
Iron, Total	19000 J	16000 J	17000 J	19000 J	19000 J	15000 / 15900
Lead, Total	11 J	8.3 J	8.7 J	10 J	39 J	107
Magnesium, Total	29000 J	30000 J	51000 J	26000 J	24000 J	325000
Manganese, Total	340 J-	340 J-	280 J-	370 J-	480 J-	630 / 636
Mercury, Total	0.017 J	0.016 J	0.022	0.024	0.024	0.89
Nickel, Total	26 J-	21 J-	19 J-	27 J-	22 J-	100
Potassium, Total	3400 J+	3500 J+	3300 J+	3800 J+	2800 J+	---
Selenium, Total	ND	ND	ND	ND	ND	1.3
Sodium, Total	380 J	420 J	500 J	530 J	640 J	---
Thallium, Total	0.71	0.74	0.7	1	0.99	2.6
Vanadium, Total	19	18	22	20	23	550
Zinc, Total	44 J-	39 J-	36 J-	43 J-	52 J-	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.28 J	0.29 J	0.51	0.3 J	0.49 J	2
Cobalt, TCLP	ND	ND	ND	ND	ND	1
Copper, TCLP	ND	ND	ND	ND	0.021 J	0.65
Iron, TCLP	ND	ND	ND	ND	0.52	5
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.64	0.75	0.043	1	4.5	0.15
Nickel, TCLP	ND	ND	ND	0.015 J	0.01 J	0.1
Zinc, TCLP	ND	ND	0.032 J	0.033 J	0.06 J	5
SPLP Metals (mg/l)						
Arsenic, SPLP	0.053	0.057	0.057	0.045 J	0.044 J	0.05
Barium, SPLP	0.35 J	0.34 J	0.44 J	0.28 J	0.35 J	2
Beryllium, SPLP	0.0065	0.0053	0.0051	0.0041	ND	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.14	0.13	0.12	0.097	0.082	0.1
Cobalt, SPLP	0.043	0.057	0.042	0.037	0.04	1
Copper, SPLP	0.18	0.19	0.16	0.15	0.13	0.65
Iron, SPLP	130 J+	130 J+	130 J+	110 J+	100 J+	5
Lead, SPLP	0.058	0.073	0.081	0.054	0.12	0.0075
Manganese, SPLP	0.52	0.74	0.6	0.55	0.98	0.15
Mercury, SPLP	0.0002	ND	ND	ND	ND	0.002
Nickel, SPLP	0.17	0.18	0.15	0.13	0.11	0.1
Zinc, SPLP	0.39	0.39	0.36	0.3	0.29	5

Summary Table of ISGS Site No. 2736-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	WW-5(0-7)-022515	WW-6(0-7)-022515	WW-7(0-7)-022515	WW-8(0-6)-022515	WW-8(6-13)-022515	Soil Reference Concentrations[A]
Sample Date	2/25/2015	2/25/2015	2/25/2015	2/25/2015	2/25/2015	
Location ID	WW-5	WW-6	WW-7	WW-8	WW-8	
Depth	0 - 7	0 - 7	0 - 7	0 - 6	6 - 13	
Location ID	2736-4	2736-4	2736-4	2736-4	2736-4	
Parameter						
Laboratory pH (s.u.)	8.24	8.03	8.46	8.16	8.1	<6.25,>9.0
VOCs (ug/kg)						
Acetone	2	48	19	5.8 UJ	ND	25000
Methyl ethyl ketone	ND	8.4	ND	ND	ND	---
SVOCs (ug/kg)						
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
Benzo(a)anthracene	17 J	17 J	77 J	11 J	ND	900 / 1100 / 1800
Benzo(a)pyrene	22 J	ND	83 J	12 J	ND	90 / 1300 / 2100
Benzo(b)fluoranthene	3 J	ND	11 J	19 J	ND	900 / 1500 / 2100
Benzo(g,h,i)perylene	35 J	23 J	11 J	26 J	18 J	---
Benzo(k)fluoranthene	2 J	ND	ND	ND	ND	9000
Chrysene	24 J	25 J	77 J	17 J	1 J	88000
Fluoranthene	38 J	31 J	13 J	18 J	ND	3100000
Indeno(1,2,3-cd)pyrene	26 J	ND	66 J	12 J	ND	900 / 900 / 1600
Phenanthrene	16 J	16 J	49 J	9.3 J	19 J	---
Pyrene	35 J	38 J	13 J	18 J	9.9 J	2300000
Total Metals (mg/kg)						
Arsenic, Total	5.6 J	7.5 J	5.6 J	6.4 J	5.7 J	11.3 / 13
Barium, Total	46 J	80 J	49 J	35 J	21 J	1500
Beryllium, Total	0.49	0.66	0.66	0.47	0.4	22
Cadmium, Total	0.18 J-	0.44 J-	0.23 J-	0.22 J-	0.25 J-	5.2
Calcium, Total	28000 J	34000 J	84000 J	50000 J	100000 J	---
Chromium, Total	14 J+	18 J+	19 J+	13 J+	11 J+	21
Cobalt, Total	6.4 J	8.7 J	9.8 J	7.5 J	5.4 J	20
Copper, Total	20 J	25 J	20 J	19 J	20 J	2900
Iron, Total	14000 J	19000 J	18000 J	16000 J	14000 J	15000 / 15900
Lead, Total	28 J	83 J	13 J	13 J	8.2 J	107
Magnesium, Total	17000 J	18000 J	31000 J	29000 J	46000 J	325000
Manganese, Total	380 J-	370 J-	410 J-	320 J-	290 J-	630 / 636
Mercury, Total	0.021	0.044	0.03	0.027	0.011 J	0.89
Nickel, Total	16 J-	22 J-	23 J-	18 J-	13 J-	100
Potassium, Total	1900 J+	2300 J+	3100 J+	2300 J+	2400 J+	---
Selenium, Total	ND	ND	ND	ND	0.61 J-	1.3
Sodium, Total	440 J	620 J	1500 J	720 J	260 J	---
Thallium, Total	1	0.87	0.99	0.82	0.42 J	2.6
Vanadium, Total	19	24	22	16	13	550
Zinc, Total	42 J-	100 J-	50 J-	38 J-	33 J-	5100
TCLP Metals (mg/l)						
Barium, TCLP	0.51	0.56	0.5	0.3 J	0.49 J	2
Cobalt, TCLP	0.018 J	0.022 J	ND	ND	0.026	1
Copper, TCLP	0.019 J	0.012 J	0.016 J	ND	0.02 J	0.65
Iron, TCLP	ND	0.25	ND	ND	ND	5
Lead, TCLP	ND	0.018	ND	ND	ND	0.0075
Manganese, TCLP	7.9	4.6	4.2	0.38	1.2	0.15
Nickel, TCLP	0.016 J	0.021 J	0.015 J	ND	0.034	0.1
Zinc, TCLP	0.045 J	0.18	0.042 J	0.025 J	0.041 J	5
SPLP Metals (mg/l)						
Arsenic, SPLP	ND	ND	0.072	0.038 J	ND	0.05
Barium, SPLP	0.14 J	0.064 J	0.69	0.31 J	0.09 J	2
Beryllium, SPLP	ND	ND	0.0072	ND	ND	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.035	ND	0.16	0.081	0.018 J	0.1
Cobalt, SPLP	ND	ND	0.068	0.025	ND	1
Copper, SPLP	0.057	0.022 J	0.21	0.13	0.035	0.65
Iron, SPLP	31 J+	3 J+	180 J+	90 J+	8.5 J+	5
Lead, SPLP	0.027	0.0079	0.22	0.061	ND	0.0075
Manganese, SPLP	0.19	0.041	1.2	0.37	0.08	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.032	ND	0.21	0.097	0.014 J	0.1
Zinc, SPLP	0.11	0.044 J	0.54	0.31	0.059 J	5

Summary Table of ISGS Site No. 2736-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	WW-9(0-7)-022515	WW-9(0-7)-022515D	WW-10(0-7)-022515	Soil Reference Concentrations[A]
Sample Date	2/25/2015	2/25/2015	2/25/2015	
Location ID	WW-9	WW-9	WW-10	
Depth	0 - 7	0 - 7	0 - 7	
Location ID	2736-4	2736-4	2736-4	
Parameter				
Laboratory pH (s.u.)	8.12	8.06	8.12	<6.25,>9.0
VOCs (ug/kg)				
Acetone	ND	ND	ND	25000
Methyl ethyl ketone	ND	ND	ND	---
SVOCs (ug/kg)				
2-Methylnaphthalene	ND	12 J	ND	---
Benzo(a)anthracene	ND	ND	ND	900 / 1100 / 1800
Benzo(a)pyrene	ND	ND	ND	90 / 1300 / 2100
Benzo(b)fluoranthene	8.8 J	ND	ND	900 / 1500 / 2100
Benzo(g,h,i)perylene	ND	ND	ND	---
Benzo(k)fluoranthene	ND	ND	ND	9000
Chrysene	15 J	11 J	ND	88000
Fluoranthene	15 J	ND	ND	3100000
Indeno(1,2,3-cd)pyrene	ND	ND	ND	900 / 900 / 1600
Phenanthrene	18 J	19 J	ND	---
Pyrene	14 J	ND	ND	2300000
Total Metals (mg/kg)				
Arsenic, Total	6.4 J	6.7 J	6.8 J	11.3 / 13
Barium, Total	38 J	34 J	35 J	1500
Beryllium, Total	0.63	0.6	0.69	22
Cadmium, Total	0.26 J-	0.3 J-	0.31 J-	5.2
Calcium, Total	52000 J	50000 J	47000 J	---
Chromium, Total	18 J+	17 J+	19 J+	21
Cobalt, Total	7.9 J	14 J	13 J	20
Copper, Total	22 J	22 J	21 J	2900
Iron, Total	19000 J	20000 J	21000 J	15000 / 15900
Lead, Total	12 J	11 J	11 J	107
Magnesium, Total	31000 J	30000 J	28000 J	325000
Manganese, Total	340 J-	540 J-	450 J-	630 / 636
Mercury, Total	0.029	0.018	0.023	0.89
Nickel, Total	23 J-	35 J-	29 J-	100
Potassium, Total	3600 J+	3000 J+	3800 J+	---
Selenium, Total	ND	ND	ND	1.3
Sodium, Total	900 J	700 J	820 J	---
Thallium, Total	0.5 J	1.2 J	1	2.6
Vanadium, Total	20	18	20	550
Zinc, Total	44 J-	48 J-	48 J-	5100
TCLP Metals (mg/l)				
Barium, TCLP	0.28 J	0.22 J	0.27 J	2
Cobalt, TCLP	ND	ND	ND	1
Copper, TCLP	0.011 J	0.028	0.014 J	0.65
Iron, TCLP	ND	ND	ND	5
Lead, TCLP	ND	ND	ND	0.0075
Manganese, TCLP	0.79	0.88	0.54	0.15
Nickel, TCLP	0.013 J	0.018 J	ND	0.1
Zinc, TCLP	0.035 J	0.046 J	0.041 J	5
SPLP Metals (mg/l)				
Arsenic, SPLP	0.04 J	0.036 J	0.048 J	0.05
Barium, SPLP	0.34 J	0.27 J	0.33 J	2
Beryllium, SPLP	0.0063	0.0047	0.0046	0.004
Cadmium, SPLP	ND	ND	ND	0.005
Chromium, SPLP	0.14	0.11	0.12	0.1
Cobalt, SPLP	0.046	0.035	0.033	1
Copper, SPLP	0.17	0.24	0.17	0.65
Iron, SPLP	130 J+	100 J+	130 J+	5
Lead, SPLP	0.074	0.078	0.064	0.0075
Manganese, SPLP	0.55	0.46	0.51	0.15
Mercury, SPLP	ND	ND	ND	0.002
Nickel, SPLP	0.16	0.13	0.14	0.1
Zinc, SPLP	0.38	0.38	0.36	5

Summary Table of ISGS Site No. 2736-4
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

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.

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: 500-92607-1
Client Project/Site: IDOT - South Barrington - WO 009

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/9/2015 4:10:21 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-1
Matrix: Solid
Percent Solids: 85.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**68**		5.9	2.5	ug/Kg	☼		02/27/15 17:40	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/27/15 17:40	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 17:40	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/27/15 17:40	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/27/15 17:40	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 17:40	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 17:40	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/27/15 17:40	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 17:40	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/27/15 17:40	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 17:40	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/27/15 17:40	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 17:40	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 17:40	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/27/15 17:40	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/27/15 17:40	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/27/15 17:40	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/27/15 17:40	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 17:40	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 17:40	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/27/15 17:40	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 17:40	1
Methyl Ethyl Ketone	**13**		5.9	2.1	ug/Kg	☼		02/27/15 17:40	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/27/15 17:40	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 17:40	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 17:40	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 17:40	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/27/15 17:40	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/27/15 17:40	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/27/15 17:40	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 17:40	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 17:40	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/27/15 17:40	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 17:40	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 17:40	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/27/15 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 122*		*02/27/15 17:40*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/27/15 17:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/27/15 17:40*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/27/15 17:40*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190	F1 F2	190	41	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
1,2-Dichlorobenzene	<190	F1 F2	190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
1,3-Dichlorobenzene	<190	F1 F2	190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
1,4-Dichlorobenzene	<190	F1 F2	190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,2'-oxybis[1-chloropropane]	<190	F2	190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-1
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	86	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,4-Dinitrophenol	<760	F1	760	670	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Chloronaphthalene	<190	F1	190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Methylnaphthalene	<38	F1 F2	38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
2-Nitrophenol	<380		380	89	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4,6-Dinitro-2-methylphenol	<380	F1	380	300	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Acenaphthylene	<38	F1	38	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Anthracene	<38		38	6.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Benzo[a]anthracene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Benzo[a]pyrene	<38		38	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Benzo[b]fluoranthene	<38		38	8.2	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Benzo[g,h,i]perylene	<38	F1	38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Bis(2-chloroethoxy)methane	<190	F1	190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Bis(2-chloroethyl)ether	<190	F1 F2	190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Carbazole	<190	F1	190	98	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Chrysene	<38		38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Fluoranthene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Fluorene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Hexachlorobenzene	<76		76	8.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Hexachlorobutadiene	<190	F1 F2	190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Hexachlorocyclopentadiene	<760	F1	760	220	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Hexachloroethane	<190	F1 F2	190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-1
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	<38		38	9.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Isophorone	<190	F1	190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Naphthalene	<38	F1 F2	38	5.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Nitrobenzene	<38	F1 F2	38	9.4	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Pentachlorophenol	<760		760	610	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Phenol	<190		190	84	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1
Pyrene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*51*		*35 - 137*	*02/27/15 07:14*	*03/06/15 13:09*	*1*
2-Fluorobiphenyl	*45*		*25 - 119*	*02/27/15 07:14*	*03/06/15 13:09*	*1*
2-Fluorophenol	*39*		*25 - 110*	*02/27/15 07:14*	*03/06/15 13:09*	*1*
Nitrobenzene-d5	*39*		*25 - 115*	*02/27/15 07:14*	*03/06/15 13:09*	*1*
Phenol-d5	*42*		*31 - 110*	*02/27/15 07:14*	*03/06/15 13:09*	*1*
Terphenyl-d14	*61*		*36 - 134*	*02/27/15 07:14*	*03/06/15 13:09*	*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		03/05/15 08:20	03/05/15 17:49	1
Barium	**0.28**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 17:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 17:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 17:49	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Copper	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 17:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 17:49	1
Manganese	**0.64**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 17:49	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:49	1
Zinc	<0.10		0.10	0.020	mg/L		03/05/15 08:20	03/05/15 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.053**		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Barium	**0.35**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 02:46	1
Beryllium	**0.0065**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 02:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 02:46	1
Chromium	**0.14**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Cobalt	**0.043**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Copper	**0.18**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Iron	**130**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 02:46	1
Lead	**0.058**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 02:46	1
Manganese	**0.52**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Nickel	**0.17**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:46	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 02:46	1

Client Sample ID: WW-1(0-7)-022515
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-1
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	03/03/15 02:46	1
Zinc	**0.39**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 02:46	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.62**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Arsenic	**6.1**		0.54	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Barium	**41**		0.54	0.099	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Beryllium	**0.64**		0.22	0.047	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Cadmium	**0.22**		0.11	0.031	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Calcium	**68000**		110	35	mg/Kg	☼	02/26/15 16:06	03/01/15 18:05	10
Chromium	**18**		0.54	0.093	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Cobalt	**9.8**		0.27	0.061	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Copper	**20**		0.54	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Iron	**19000**		11	4.2	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Lead	**11**		0.27	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Magnesium	**29000**		5.4	2.2	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Manganese	**340**		0.54	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Nickel	**26**		0.54	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Potassium	**3400**		27	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Selenium	<0.54		0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Silver	<0.27		0.27	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Sodium	**380**		54	7.2	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Thallium	**0.71**		0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Vanadium	**19**		0.27	0.079	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	1
Zinc	**44**	**B**	1.1	0.34	mg/Kg	☼	02/26/15 16:06	02/28/15 04:10	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		03/05/15 12:30	03/05/15 18:21	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		03/04/15 11:55	03/05/15 12:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**17**	**J**	18	6.3	ug/Kg	☼	02/26/15 15:30	02/27/15 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.08**		0.200	0.200	SU			02/27/15 11:07	1

Client Sample ID: WW-1(0-7)-022515D
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-2
Matrix: Solid
Percent Solids: 85.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**45**		5.9	2.5	ug/Kg	☼		02/27/15 18:04	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		02/27/15 18:04	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 18:04	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/27/15 18:04	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/27/15 18:04	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 18:04	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 18:04	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/27/15 18:04	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 18:04	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/27/15 18:04	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:04	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/27/15 18:04	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:04	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 18:04	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/27/15 18:04	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/27/15 18:04	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/27/15 18:04	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/27/15 18:04	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:04	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:04	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/27/15 18:04	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 18:04	1
Methyl Ethyl Ketone	**8.9**		5.9	2.1	ug/Kg	☼		02/27/15 18:04	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/27/15 18:04	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 18:04	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:04	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:04	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/27/15 18:04	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/27/15 18:04	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/27/15 18:04	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 18:04	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 18:04	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/27/15 18:04	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 18:04	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:04	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/27/15 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/27/15 18:04*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*02/27/15 18:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 134*		*02/27/15 18:04*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/27/15 18:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515D
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-2
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	☼	02/27/15 07:14	03/06/15 13:32	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Anthracene	<38		38	6.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Benzo[a]anthracene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Benzo[a]pyrene	<38		38	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Benzo[b]fluoranthene	<38		38	8.2	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Carbazole	<190		190	98	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Chrysene	<38		38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Dibenz(a,h)anthracene	<38		38	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Fluoranthene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Fluorene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515D
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-2
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	<38		38	9.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Naphthalene	<38		38	5.8	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Phenol	<190		190	84	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1
Pyrene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*49*		*35 - 137*	*02/27/15 07:14*	*03/06/15 13:32*	*1*
2-Fluorobiphenyl	*40*		*25 - 119*	*02/27/15 07:14*	*03/06/15 13:32*	*1*
2-Fluorophenol	*38*		*25 - 110*	*02/27/15 07:14*	*03/06/15 13:32*	*1*
Nitrobenzene-d5	*35*		*25 - 115*	*02/27/15 07:14*	*03/06/15 13:32*	*1*
Phenol-d5	*40*		*31 - 110*	*02/27/15 07:14*	*03/06/15 13:32*	*1*
Terphenyl-d14	*56*		*36 - 134*	*02/27/15 07:14*	*03/06/15 13:32*	*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		03/05/15 08:20	03/05/15 18:09	1
Barium	**0.29**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:09	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Copper	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:09	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:09	1
Manganese	**0.75**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:09	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:09	1
Zinc	<0.10		0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.057**		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Barium	**0.34**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 02:50	1
Beryllium	**0.0053**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 02:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 02:50	1
Chromium	**0.13**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Cobalt	**0.057**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Copper	**0.19**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Iron	**130**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 02:50	1
Lead	**0.073**		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:35	5
Manganese	**0.74**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Nickel	**0.18**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:50	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 02:50	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-1(0-7)-022515D
Date Collected: 02/25/15 08:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-2
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		03/01/15 15:00	03/03/15 02:50	1
Zinc	**0.39**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 02:50	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.55**	**J B**	1.2	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Arsenic	**3.6**		0.58	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Barium	**55**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Beryllium	**0.62**		0.23	0.050	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Cadmium	**0.24**		0.12	0.034	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Calcium	**82000**		120	37	mg/Kg	☼	02/26/15 16:06	02/28/15 18:16	10
Chromium	**18**		0.58	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Cobalt	**7.7**		0.29	0.066	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Copper	**16**		0.58	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Iron	**16000**		12	4.5	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Lead	**8.3**		0.29	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Magnesium	**30000**		5.8	2.4	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Manganese	**340**		0.58	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Nickel	**21**		0.58	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Potassium	**3500**		29	4.7	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Selenium	<0.58		0.58	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Silver	<0.29		0.29	0.068	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Sodium	**420**		58	7.7	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Thallium	**0.74**		0.58	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Vanadium	**18**		0.29	0.085	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	1
Zinc	**39**	**B**	1.2	0.37	mg/Kg	☼	02/26/15 16:06	02/28/15 04:41	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		03/05/15 12:30	03/05/15 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/04/15 11:55	03/05/15 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**16**	**J**	20	6.8	ug/Kg	☼	02/26/15 15:30	02/27/15 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.07**		0.200	0.200	SU			02/27/15 11:11	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-2(0-7)-022515
Date Collected: 02/25/15 08:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-3
Matrix: Solid
Percent Solids: 81.7

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.1		6.1	2.6	ug/Kg	☼		02/27/15 18:29	1
Benzene	<6.1		6.1	0.84	ug/Kg	☼		02/27/15 18:29	1
Bromodichloromethane	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 18:29	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		02/27/15 18:29	1
Bromomethane	<6.1		6.1	1.8	ug/Kg	☼		02/27/15 18:29	1
Carbon disulfide	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 18:29	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 18:29	1
Chlorobenzene	<6.1		6.1	0.62	ug/Kg	☼		02/27/15 18:29	1
Chloroethane	<6.1		6.1	1.7	ug/Kg	☼		02/27/15 18:29	1
Chloroform	<6.1		6.1	0.70	ug/Kg	☼		02/27/15 18:29	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 18:29	1
cis-1,2-Dichloroethene	<6.1		6.1	0.87	ug/Kg	☼		02/27/15 18:29	1
cis-1,3-Dichloropropene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 18:29	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 18:29	1
1,1-Dichloroethane	<6.1		6.1	0.97	ug/Kg	☼		02/27/15 18:29	1
1,2-Dichloroethane	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 18:29	1
1,1-Dichloroethene	<6.1		6.1	0.99	ug/Kg	☼		02/27/15 18:29	1
1,2-Dichloropropane	<6.1		6.1	0.93	ug/Kg	☼		02/27/15 18:29	1
1,3-Dichloropropene, Total	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 18:29	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 18:29	1
2-Hexanone	<6.1		6.1	1.8	ug/Kg	☼		02/27/15 18:29	1
Methylene Chloride	<6.1		6.1	1.7	ug/Kg	☼		02/27/15 18:29	1
Methyl Ethyl Ketone	<6.1		6.1	2.2	ug/Kg	☼		02/27/15 18:29	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		02/27/15 18:29	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 18:29	1
Styrene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 18:29	1
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 18:29	1
Tetrachloroethene	<6.1		6.1	0.94	ug/Kg	☼		02/27/15 18:29	1
Toluene	<6.1		6.1	0.86	ug/Kg	☼		02/27/15 18:29	1
trans-1,2-Dichloroethene	<6.1		6.1	0.84	ug/Kg	☼		02/27/15 18:29	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 18:29	1
1,1,1-Trichloroethane	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 18:29	1
1,1,2-Trichloroethane	<6.1		6.1	0.83	ug/Kg	☼		02/27/15 18:29	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 18:29	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 18:29	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		02/27/15 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 122*		*02/27/15 18:29*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/27/15 18:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 134*		*02/27/15 18:29*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*02/27/15 18:29*	*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	☼	02/27/15 07:14	03/06/15 13:56	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-2(0-7)-022515
Date Collected: 02/25/15 08:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-3
Matrix: Solid
Percent Solids: 81.7

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	87	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Benzo[a]anthracene	**8.0**	**J**	38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Benzo[a]pyrene	**11**	**J**	38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Benzo[b]fluoranthene	**19**	**J**	38	8.2	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Carbazole	<190		190	99	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Chrysene	**14**	**J**	38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Fluoranthene	**16**	**J**	38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1

Client Sample ID: WW-2(0-7)-022515
Date Collected: 02/25/15 08:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-3
Matrix: Solid
Percent Solids: 81.7

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	☼	02/27/15 07:14	03/06/15 13:56	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Phenanthrene	**9.1**	**J**	38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Phenol	<190		190	85	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1
Pyrene	**14**	**J**	38	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*62*		*35 - 137*	*02/27/15 07:14*	*03/06/15 13:56*	*1*
2-Fluorobiphenyl	*65*		*25 - 119*	*02/27/15 07:14*	*03/06/15 13:56*	*1*
2-Fluorophenol	*56*		*25 - 110*	*02/27/15 07:14*	*03/06/15 13:56*	*1*
Nitrobenzene-d5	*56*		*25 - 115*	*02/27/15 07:14*	*03/06/15 13:56*	*1*
Phenol-d5	*61*		*31 - 110*	*02/27/15 07:14*	*03/06/15 13:56*	*1*
Terphenyl-d14	*76*		*36 - 134*	*02/27/15 07:14*	*03/06/15 13:56*	*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		03/05/15 08:20	03/05/15 18:14	1
Barium	**0.51**		0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:14	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Copper	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:14	1
Manganese	**0.043**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:14	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:14	1
Zinc	**0.032**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.057**		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Barium	**0.44**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 02:54	1
Beryllium	**0.0051**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 02:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 02:54	1
Chromium	**0.12**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Cobalt	**0.042**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Copper	**0.16**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Iron	**130**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 02:54	1
Lead	**0.081**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 02:54	1
Manganese	**0.60**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Nickel	**0.15**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:54	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 02:54	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-2(0-7)-022515
Date Collected: 02/25/15 08:35
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-3
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		03/01/15 15:00	03/03/15 02:54	1
Zinc	**0.36**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 02:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.59**	**J B**	1.2	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Arsenic	**6.2**		0.60	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Barium	**45**		0.60	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Beryllium	**0.59**		0.24	0.052	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Cadmium	**0.25**		0.12	0.035	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Calcium	**120000**		120	39	mg/Kg	☼	02/26/15 16:06	02/28/15 18:20	10
Chromium	**18**		0.60	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Cobalt	**6.9**		0.30	0.068	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Copper	**18**		0.60	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Iron	**17000**		12	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Lead	**8.7**		0.30	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Magnesium	**51000**		6.0	2.4	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Manganese	**280**		0.60	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Nickel	**19**		0.60	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Potassium	**3300**		30	4.9	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Selenium	<0.60		0.60	0.30	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Silver	<0.30		0.30	0.070	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Sodium	**500**		60	7.9	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Thallium	**0.70**		0.60	0.30	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Vanadium	**22**		0.30	0.088	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	1
Zinc	**36**	**B**	1.2	0.38	mg/Kg	☼	02/26/15 16:06	02/28/15 04:47	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		03/05/15 12:30	03/05/15 18:24	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		03/04/15 11:55	03/05/15 12:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**22**		20	6.8	ug/Kg	☼	02/26/15 15:30	02/27/15 11:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.16**		0.200	0.200	SU			02/27/15 11:14	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-3(0-7)-022515
Date Collected: 02/25/15 08:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-4
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	☼		02/27/15 18:54	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		02/27/15 18:54	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 18:54	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		02/27/15 18:54	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		02/27/15 18:54	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 18:54	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 18:54	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		02/27/15 18:54	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 18:54	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		02/27/15 18:54	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:54	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		02/27/15 18:54	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:54	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		02/27/15 18:54	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		02/27/15 18:54	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		02/27/15 18:54	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		02/27/15 18:54	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		02/27/15 18:54	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:54	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:54	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		02/27/15 18:54	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		02/27/15 18:54	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		02/27/15 18:54	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		02/27/15 18:54	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 18:54	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		02/27/15 18:54	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:54	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		02/27/15 18:54	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		02/27/15 18:54	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		02/27/15 18:54	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		02/27/15 18:54	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		02/27/15 18:54	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		02/27/15 18:54	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		02/27/15 18:54	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		02/27/15 18:54	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		02/27/15 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*02/27/15 18:54*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/27/15 18:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*70 - 134*		*02/27/15 18:54*	*1*
Toluene-d8 (Surr)	*97*		*75 - 122*		*02/27/15 18:54*	*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	☼	02/27/15 07:14	03/06/15 14:19	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-3(0-7)-022515
Date Collected: 02/25/15 08:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-4
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	84	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,4-Dinitrophenol	<750		750	650	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Methylnaphthalene	<37		37	6.8	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Methylphenol	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Chloroaniline	<750		750	170	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Acenaphthene	<37		37	6.7	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Anthracene	<37		37	6.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Benzo[a]pyrene	<37		37	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Carbazole	<190		190	96	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Chrysene	<37		37	10	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Dibenz(a,h)anthracene	<37		37	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Dibenzofuran	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Fluoranthene	<37		37	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Fluorene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Hexachloroethane	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1

Client Sample ID: WW-3(0-7)-022515
Date Collected: 02/25/15 08:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-4
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	9.6	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Isophorone	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Naphthalene	<37		37	5.7	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Pentachlorophenol	<750		750	590	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Phenanthrene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Phenol	<190		190	82	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1
Pyrene	<37		37	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*56*		*35 - 137*	*02/27/15 07:14*	*03/06/15 14:19*	*1*
2-Fluorobiphenyl	*61*		*25 - 119*	*02/27/15 07:14*	*03/06/15 14:19*	*1*
2-Fluorophenol	*56*		*25 - 110*	*02/27/15 07:14*	*03/06/15 14:19*	*1*
Nitrobenzene-d5	*56*		*25 - 115*	*02/27/15 07:14*	*03/06/15 14:19*	*1*
Phenol-d5	*57*		*31 - 110*	*02/27/15 07:14*	*03/06/15 14:19*	*1*
Terphenyl-d14	*71*		*36 - 134*	*02/27/15 07:14*	*03/06/15 14:19*	*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		03/05/15 08:20	03/05/15 18:27	1
Barium	**0.30**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:27	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Copper	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:27	1
Manganese	**1.0**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Nickel	**0.015**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:27	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:27	1
Zinc	**0.033**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:27	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	03/03/15 02:58	1
Barium	**0.28**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 02:58	1
Beryllium	**0.0041**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 02:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 02:58	1
Chromium	**0.097**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:58	1
Cobalt	**0.037**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:58	1
Copper	**0.15**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:58	1
Iron	**110**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 02:58	1
Lead	**0.054**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 02:58	1
Manganese	**0.55**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:58	1
Nickel	**0.13**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 02:58	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 02:58	1

Client Sample ID: WW-3(0-7)-022515
Date Collected: 02/25/15 08:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-4
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		03/01/15 15:00	03/03/15 02:58	1
Zinc	**0.30**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 02:58	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.62**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Arsenic	**7.1**		0.56	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Barium	**49**		0.56	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Beryllium	**0.68**		0.22	0.048	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Cadmium	**0.30**		0.11	0.032	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Calcium	**81000**		110	36	mg/Kg	☼	02/26/15 16:06	02/28/15 18:24	10
Chromium	**19**		0.56	0.096	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Cobalt	**11**		0.28	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Copper	**21**		0.56	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Iron	**19000**		11	4.3	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Lead	**10**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Magnesium	**26000**		5.6	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Manganese	**370**		0.56	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Nickel	**27**		0.56	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Potassium	**3800**		28	4.5	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Selenium	<0.56		0.56	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Silver	<0.28		0.28	0.065	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Sodium	**530**		56	7.4	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Thallium	**1.0**		0.56	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Vanadium	**20**		0.28	0.081	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	1
Zinc	**43**	**B**	1.1	0.35	mg/Kg	☼	02/26/15 16:06	02/28/15 04:53	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		03/05/15 12:30	03/05/15 18:26	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		03/04/15 11:55	03/05/15 12:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**24**		20	6.8	ug/Kg	☼	02/26/15 15:30	02/27/15 12:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.07**		0.200	0.200	SU			02/27/15 11:18	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-4(0-7)-022515
Date Collected: 02/25/15 09:10
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-5
Matrix: Solid
Percent Solids: 82.3

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.1		6.1	2.6	ug/Kg	☼		02/27/15 19:19	1
Benzene	<6.1		6.1	0.83	ug/Kg	☼		02/27/15 19:19	1
Bromodichloromethane	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 19:19	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		02/27/15 19:19	1
Bromomethane	<6.1		6.1	1.8	ug/Kg	☼		02/27/15 19:19	1
Carbon disulfide	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 19:19	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 19:19	1
Chlorobenzene	<6.1		6.1	0.62	ug/Kg	☼		02/27/15 19:19	1
Chloroethane	<6.1		6.1	1.7	ug/Kg	☼		02/27/15 19:19	1
Chloroform	<6.1		6.1	0.70	ug/Kg	☼		02/27/15 19:19	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 19:19	1
cis-1,2-Dichloroethene	<6.1		6.1	0.86	ug/Kg	☼		02/27/15 19:19	1
cis-1,3-Dichloropropene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 19:19	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 19:19	1
1,1-Dichloroethane	<6.1		6.1	0.96	ug/Kg	☼		02/27/15 19:19	1
1,2-Dichloroethane	<6.1		6.1	0.90	ug/Kg	☼		02/27/15 19:19	1
1,1-Dichloroethene	<6.1		6.1	0.98	ug/Kg	☼		02/27/15 19:19	1
1,2-Dichloropropane	<6.1		6.1	0.92	ug/Kg	☼		02/27/15 19:19	1
1,3-Dichloropropene, Total	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 19:19	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 19:19	1
2-Hexanone	<6.1		6.1	1.7	ug/Kg	☼		02/27/15 19:19	1
Methylene Chloride	<6.1		6.1	1.6	ug/Kg	☼		02/27/15 19:19	1
Methyl Ethyl Ketone	<6.1		6.1	2.2	ug/Kg	☼		02/27/15 19:19	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		02/27/15 19:19	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 19:19	1
Styrene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 19:19	1
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 19:19	1
Tetrachloroethene	<6.1		6.1	0.93	ug/Kg	☼		02/27/15 19:19	1
Toluene	<6.1		6.1	0.85	ug/Kg	☼		02/27/15 19:19	1
trans-1,2-Dichloroethene	<6.1		6.1	0.84	ug/Kg	☼		02/27/15 19:19	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 19:19	1
1,1,1-Trichloroethane	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 19:19	1
1,1,2-Trichloroethane	<6.1		6.1	0.83	ug/Kg	☼		02/27/15 19:19	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 19:19	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 19:19	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		02/27/15 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 122*		*02/27/15 19:19*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/27/15 19:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 134*		*02/27/15 19:19*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*02/27/15 19:19*	*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	☼	02/27/15 07:14	03/06/15 14:43	1
1,2-Dichlorobenzene	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
1,3-Dichlorobenzene	<200		200	44	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
1,4-Dichlorobenzene	<200		200	50	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,2'-oxybis[1-chloropropane]	<200		200	45	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-4(0-7)-022515
Date Collected: 02/25/15 09:10
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-5
Matrix: Solid
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<390		390	89	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,4,6-Trichlorophenol	<390		390	130	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,4-Dichlorophenol	<390		390	93	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,4-Dimethylphenol	<390		390	150	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,4-Dinitrophenol	<790		790	690	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,4-Dinitrotoluene	<200		200	62	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2,6-Dinitrotoluene	<200		200	77	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Chloronaphthalene	<200		200	43	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Chlorophenol	<200		200	67	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Methylnaphthalene	<39		39	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Methylphenol	<200		200	63	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Nitroaniline	<200		200	53	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
2-Nitrophenol	<390		390	93	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
3 & 4 Methylphenol	<200		200	65	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
3,3'-Dichlorobenzidine	<200		200	55	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
3-Nitroaniline	<390		390	120	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4,6-Dinitro-2-methylphenol	<390		390	310	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Bromophenyl phenyl ether	<200		200	52	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Chloro-3-methylphenol	<390		390	130	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Chloroaniline	<790		790	180	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Chlorophenyl phenyl ether	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Nitroaniline	<390		390	160	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
4-Nitrophenol	<790		790	370	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Acenaphthene	<39		39	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Acenaphthylene	<39		39	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Anthracene	<39		39	6.5	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Benzo[a]anthracene	**9.6**	**J**	39	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Benzo[a]pyrene	**14**	**J**	39	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Benzo[b]fluoranthene	**25**	**J**	39	8.5	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Benzo[g,h,i]perylene	<39		39	13	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Benzo[k]fluoranthene	<39		39	12	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Bis(2-chloroethoxy)methane	<200		200	40	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Bis(2-chloroethyl)ether	<200		200	59	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Bis(2-ethylhexyl) phthalate	<200		200	72	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Butyl benzyl phthalate	<200		200	75	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Carbazole	<200		200	100	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Chrysene	**13**	**J**	39	11	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Dibenz(a,h)anthracene	<39		39	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Dibenzofuran	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Diethyl phthalate	<200		200	66	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Dimethyl phthalate	<200		200	51	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Di-n-butyl phthalate	<200		200	60	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Di-n-octyl phthalate	<200		200	64	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Fluoranthene	**21**	**J**	39	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Fluorene	<39		39	5.5	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Hexachlorobenzene	<79		79	9.1	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Hexachlorobutadiene	<200		200	62	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Hexachlorocyclopentadiene	<790		790	230	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Hexachloroethane	<200		200	60	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-4(0-7)-022515
Date Collected: 02/25/15 09:10
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-5
Matrix: Solid
Percent Solids: 82.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<39		39	10	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Isophorone	<200		200	44	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Naphthalene	<39		39	6.0	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Nitrobenzene	<39		39	9.8	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
N-Nitrosodi-n-propylamine	<200		200	48	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
N-Nitrosodiphenylamine	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Pentachlorophenol	<790		790	630	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Phenanthrene	**11**	**J**	39	5.5	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Phenol	<200		200	87	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1
Pyrene	**17**	**J**	39	7.8	ug/Kg	☼	02/27/15 07:14	03/06/15 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*53*		*35 - 137*	*02/27/15 07:14*	*03/06/15 14:43*	*1*
2-Fluorobiphenyl	*51*		*25 - 119*	*02/27/15 07:14*	*03/06/15 14:43*	*1*
2-Fluorophenol	*45*		*25 - 110*	*02/27/15 07:14*	*03/06/15 14:43*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*02/27/15 07:14*	*03/06/15 14:43*	*1*
Phenol-d5	*47*		*31 - 110*	*02/27/15 07:14*	*03/06/15 14:43*	*1*
Terphenyl-d14	*63*		*36 - 134*	*02/27/15 07:14*	*03/06/15 14:43*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Barium	**0.49**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:32	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:32	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Copper	**0.021**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Iron	**0.52**		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:32	1
Manganese	**4.5**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Nickel	**0.010**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:32	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:32	1
Zinc	**0.060**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.044**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Barium	**0.35**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:10	1
Chromium	**0.082**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Cobalt	**0.040**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Copper	**0.13**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Iron	**100**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:10	1
Lead	**0.12**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 03:10	1
Manganese	**0.98**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Nickel	**0.11**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:10	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:10	1

Client Sample ID: WW-4(0-7)-022515
Date Collected: 02/25/15 09:10
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-5
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	03/03/15 03:10	1
Zinc	**0.29**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:10	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.67**	**J B**	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Arsenic	**7.6**		0.57	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Barium	**62**		0.57	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Beryllium	**0.65**		0.23	0.049	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Cadmium	**0.30**		0.11	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Calcium	**43000**		11	3.6	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Chromium	**18**		0.57	0.097	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Cobalt	**8.9**		0.28	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Copper	**23**		0.57	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Iron	**19000**		11	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Lead	**39**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Magnesium	**24000**		5.7	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Manganese	**480**		0.57	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Nickel	**22**		0.57	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Potassium	**2800**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Sodium	**640**		57	7.5	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Thallium	**0.99**		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Vanadium	**23**		0.28	0.083	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	1
Zinc	**52**	**B**	1.1	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 05:00	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		03/05/15 12:30	03/05/15 18:28	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		03/04/15 11:55	03/05/15 12:25	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	**24**		20	7.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.39**		0.200	0.200	SU			02/27/15 11:21	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-5(0-7)-022515
Date Collected: 02/25/15 09:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-6
Matrix: Solid
Percent Solids: 83.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	20		6.0	2.6	ug/Kg	☼		02/27/15 19:43	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		02/27/15 19:43	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/27/15 19:43	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		02/27/15 19:43	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		02/27/15 19:43	1
Carbon disulfide	<6.0		6.0	0.90	ug/Kg	☼		02/27/15 19:43	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		02/27/15 19:43	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		02/27/15 19:43	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 19:43	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		02/27/15 19:43	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		02/27/15 19:43	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		02/27/15 19:43	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 19:43	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/27/15 19:43	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		02/27/15 19:43	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/27/15 19:43	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		02/27/15 19:43	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		02/27/15 19:43	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 19:43	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		02/27/15 19:43	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		02/27/15 19:43	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 19:43	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		02/27/15 19:43	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 19:43	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		02/27/15 19:43	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 19:43	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		02/27/15 19:43	1
Tetrachloroethene	<6.0		6.0	0.92	ug/Kg	☼		02/27/15 19:43	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		02/27/15 19:43	1
trans-1,2-Dichloroethene	<6.0		6.0	0.83	ug/Kg	☼		02/27/15 19:43	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		02/27/15 19:43	1
1,1,1-Trichloroethane	<6.0		6.0	0.90	ug/Kg	☼		02/27/15 19:43	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		02/27/15 19:43	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		02/27/15 19:43	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		02/27/15 19:43	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		02/27/15 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 122*		*02/27/15 19:43*	*1*
Dibromofluoromethane	*85*		*75 - 120*		*02/27/15 19:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 134*		*02/27/15 19:43*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/27/15 19:43*	*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	☼	02/27/15 07:14	03/06/15 15:53	1
1,2-Dichlorobenzene	<200		200	48	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
1,3-Dichlorobenzene	<200		200	45	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
1,4-Dichlorobenzene	<200		200	51	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,2'-oxybis[1-chloropropane]	<200		200	46	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-5(0-7)-022515
Date Collected: 02/25/15 09:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-6
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	<400		400	91	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,4,6-Trichlorophenol	<400		400	140	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,4-Dichlorophenol	<400		400	95	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,4-Dimethylphenol	<400		400	150	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,4-Dinitrophenol	<810		810	700	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,4-Dinitrotoluene	<200		200	64	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2,6-Dinitrotoluene	<200		200	79	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Chloronaphthalene	<200		200	44	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Chlorophenol	<200		200	68	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Methylnaphthalene	<40		40	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Methylphenol	<200		200	64	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Nitroaniline	<200		200	54	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
2-Nitrophenol	<400		400	94	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
3 & 4 Methylphenol	<200		200	67	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
3,3'-Dichlorobenzidine	<200		200	56	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
3-Nitroaniline	<400		400	120	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4,6-Dinitro-2-methylphenol	<400		400	320	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Bromophenyl phenyl ether	<200		200	53	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Chloro-3-methylphenol	<400		400	140	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Chloroaniline	<810		810	190	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Chlorophenyl phenyl ether	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Nitroaniline	<400		400	170	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
4-Nitrophenol	<810		810	380	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Acenaphthene	<40		40	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Acenaphthylene	<40		40	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Anthracene	<40		40	6.7	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Benzo[a]anthracene	**17**	**J**	40	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Benzo[a]pyrene	**22**	**J**	40	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Benzo[b]fluoranthene	**30**	**J**	40	8.6	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Benzo[g,h,i]perylene	**35**	**J**	40	13	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Benzo[k]fluoranthene	**20**	**J**	40	12	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Bis(2-chloroethoxy)methane	<200		200	41	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Bis(2-chloroethyl)ether	<200		200	60	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Bis(2-ethylhexyl) phthalate	<200		200	73	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Butyl benzyl phthalate	<200		200	76	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Carbazole	<200		200	100	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Chrysene	**24**	**J**	40	11	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Dibenz(a,h)anthracene	<40		40	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Dibenzofuran	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Diethyl phthalate	<200		200	68	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Dimethyl phthalate	<200		200	52	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Di-n-butyl phthalate	<200		200	61	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Di-n-octyl phthalate	<200		200	65	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Fluoranthene	**38**	**J**	40	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Fluorene	<40		40	5.6	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Hexachlorobenzene	<81		81	9.3	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Hexachlorobutadiene	<200		200	63	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Hexachlorocyclopentadiene	<810		810	230	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Hexachloroethane	<200		200	61	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-5(0-7)-022515
Date Collected: 02/25/15 09:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-6
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	26	J	40	10	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Isophorone	<200		200	45	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Naphthalene	<40		40	6.1	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Nitrobenzene	<40		40	10	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
N-Nitrosodi-n-propylamine	<200		200	49	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
N-Nitrosodiphenylamine	<200		200	47	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Pentachlorophenol	<810		810	640	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Phenanthrene	16	J	40	5.6	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Phenol	<200		200	89	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1
Pyrene	35	J	40	7.9	ug/Kg	☼	02/27/15 07:14	03/06/15 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*47*		*35 - 137*	*02/27/15 07:14*	*03/06/15 15:53*	*1*
2-Fluorobiphenyl	*45*		*25 - 119*	*02/27/15 07:14*	*03/06/15 15:53*	*1*
2-Fluorophenol	*37*		*25 - 110*	*02/27/15 07:14*	*03/06/15 15:53*	*1*
Nitrobenzene-d5	*38*		*25 - 115*	*02/27/15 07:14*	*03/06/15 15:53*	*1*
Phenol-d5	*41*		*31 - 110*	*02/27/15 07:14*	*03/06/15 15:53*	*1*
Terphenyl-d14	*59*		*36 - 134*	*02/27/15 07:14*	*03/06/15 15:53*	*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		03/05/15 08:20	03/05/15 18:37	1
Barium	0.51		0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:37	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Cobalt	0.018	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Copper	0.019	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:37	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:37	1
Manganese	7.9		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Nickel	0.016	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:37	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:37	1
Zinc	0.045	J	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:37	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	03/03/15 03:14	1
Barium	0.14	J	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:14	1
Chromium	0.035		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:14	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:14	1
Copper	0.057		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:14	1
Iron	31		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:14	1
Lead	0.027		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 03:14	1
Manganese	0.19		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:14	1
Nickel	0.032		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:14	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:14	1

Client Sample ID: WW-5(0-7)-022515
Date Collected: 02/25/15 09:30
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-6
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	03/03/15 03:14	1
Zinc	**0.11**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.46**	**J B**	1.2	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Arsenic	**5.6**		0.60	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Barium	**46**		0.60	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Beryllium	**0.49**		0.24	0.052	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Cadmium	**0.18**		0.12	0.035	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Calcium	**28000**		12	3.8	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Chromium	**14**		0.60	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Cobalt	**6.4**		0.30	0.067	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Copper	**20**		0.60	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Iron	**14000**		12	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Lead	**28**		0.30	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Magnesium	**17000**		6.0	2.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Manganese	**380**		0.60	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Nickel	**16**		0.60	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Potassium	**1900**		30	4.9	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Selenium	<0.60		0.60	0.30	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Silver	<0.30		0.30	0.070	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Sodium	**440**		60	7.9	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Thallium	**1.0**		0.60	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Vanadium	**19**		0.30	0.087	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	1
Zinc	**42**	**B**	1.2	0.38	mg/Kg	☼	02/26/15 16:06	02/28/15 05:06	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		03/05/15 12:30	03/05/15 18:30	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		03/04/15 11:55	03/05/15 12:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**21**		17	6.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.24**		0.200	0.200	SU			02/27/15 11:25	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-6(0-7)-022515
Date Collected: 02/25/15 09:45
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-7
Matrix: Solid
Percent Solids: 78.8

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	48		6.3	2.7	ug/Kg	☼		02/27/15 20:08	1
Benzene	<6.3		6.3	0.87	ug/Kg	☼		02/27/15 20:08	1
Bromodichloromethane	<6.3		6.3	1.1	ug/Kg	☼		02/27/15 20:08	1
Bromoform	<6.3		6.3	1.5	ug/Kg	☼		02/27/15 20:08	1
Bromomethane	<6.3		6.3	1.9	ug/Kg	☼		02/27/15 20:08	1
Carbon disulfide	<6.3		6.3	0.95	ug/Kg	☼		02/27/15 20:08	1
Carbon tetrachloride	<6.3		6.3	1.2	ug/Kg	☼		02/27/15 20:08	1
Chlorobenzene	<6.3		6.3	0.64	ug/Kg	☼		02/27/15 20:08	1
Chloroethane	<6.3		6.3	1.7	ug/Kg	☼		02/27/15 20:08	1
Chloroform	<6.3		6.3	0.73	ug/Kg	☼		02/27/15 20:08	1
Chloromethane	<6.3		6.3	1.3	ug/Kg	☼		02/27/15 20:08	1
cis-1,2-Dichloroethene	<6.3		6.3	0.90	ug/Kg	☼		02/27/15 20:08	1
cis-1,3-Dichloropropene	<6.3		6.3	0.83	ug/Kg	☼		02/27/15 20:08	1
Dibromochloromethane	<6.3		6.3	1.1	ug/Kg	☼		02/27/15 20:08	1
1,1-Dichloroethane	<6.3		6.3	1.0	ug/Kg	☼		02/27/15 20:08	1
1,2-Dichloroethane	<6.3		6.3	0.94	ug/Kg	☼		02/27/15 20:08	1
1,1-Dichloroethene	<6.3		6.3	1.0	ug/Kg	☼		02/27/15 20:08	1
1,2-Dichloropropane	<6.3		6.3	0.96	ug/Kg	☼		02/27/15 20:08	1
1,3-Dichloropropene, Total	<6.3		6.3	0.83	ug/Kg	☼		02/27/15 20:08	1
Ethylbenzene	<6.3		6.3	1.3	ug/Kg	☼		02/27/15 20:08	1
2-Hexanone	<6.3		6.3	1.8	ug/Kg	☼		02/27/15 20:08	1
Methylene Chloride	<6.3		6.3	1.7	ug/Kg	☼		02/27/15 20:08	1
Methyl Ethyl Ketone	8.4		6.3	2.3	ug/Kg	☼		02/27/15 20:08	1
methyl isobutyl ketone	<6.3		6.3	1.7	ug/Kg	☼		02/27/15 20:08	1
Methyl tert-butyl ether	<6.3		6.3	1.0	ug/Kg	☼		02/27/15 20:08	1
Styrene	<6.3		6.3	0.83	ug/Kg	☼		02/27/15 20:08	1
1,1,2,2-Tetrachloroethane	<6.3		6.3	1.3	ug/Kg	☼		02/27/15 20:08	1
Tetrachloroethene	<6.3		6.3	0.97	ug/Kg	☼		02/27/15 20:08	1
Toluene	<6.3		6.3	0.89	ug/Kg	☼		02/27/15 20:08	1
trans-1,2-Dichloroethene	<6.3		6.3	0.87	ug/Kg	☼		02/27/15 20:08	1
trans-1,3-Dichloropropene	<6.3		6.3	1.1	ug/Kg	☼		02/27/15 20:08	1
1,1,1-Trichloroethane	<6.3		6.3	0.95	ug/Kg	☼		02/27/15 20:08	1
1,1,2-Trichloroethane	<6.3		6.3	0.87	ug/Kg	☼		02/27/15 20:08	1
Trichloroethene	<6.3		6.3	1.0	ug/Kg	☼		02/27/15 20:08	1
Vinyl chloride	<6.3		6.3	1.3	ug/Kg	☼		02/27/15 20:08	1
Xylenes, Total	<13		13	0.57	ug/Kg	☼		02/27/15 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/27/15 20:08*	*1*
Dibromofluoromethane	*88*		*75 - 120*		*02/27/15 20:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*70 - 134*		*02/27/15 20:08*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*02/27/15 20:08*	*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	☼	02/27/15 07:14	03/08/15 20:56	1
1,2-Dichlorobenzene	<210		210	50	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
1,3-Dichlorobenzene	<210		210	47	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
1,4-Dichlorobenzene	<210		210	54	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,2'-oxybis[1-chloropropane]	<210		210	49	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-6(0-7)-022515
Date Collected: 02/25/15 09:45
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-7
Matrix: Solid
Percent Solids: 78.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<420		420	96	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,4,6-Trichlorophenol	<420		420	140	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,4-Dichlorophenol	<420		420	99	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,4-Dimethylphenol	<420		420	160	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,4-Dinitrophenol	<840		840	740	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,4-Dinitrotoluene	<210		210	67	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2,6-Dinitrotoluene	<210		210	82	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Chloronaphthalene	<210		210	46	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Chlorophenol	<210		210	71	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Methylnaphthalene	<42		42	7.7	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Methylphenol	<210		210	67	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Nitroaniline	<210		210	56	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
2-Nitrophenol	<420		420	99	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
3 & 4 Methylphenol	<210		210	70	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
3,3'-Dichlorobenzidine	<210		210	59	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
3-Nitroaniline	<420		420	130	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4,6-Dinitro-2-methylphenol	<420		420	340	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Bromophenyl phenyl ether	<210		210	55	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Chloro-3-methylphenol	<420		420	140	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Chloroaniline	<840		840	200	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Chlorophenyl phenyl ether	<210		210	49	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Nitroaniline	<420		420	180	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
4-Nitrophenol	<840		840	400	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Acenaphthene	<42		42	7.5	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Acenaphthylene	<42		42	5.5	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Anthracene	<42		42	7.0	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Benzo[a]anthracene	**17**	**J**	42	5.6	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Benzo[a]pyrene	<42		42	8.1	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Benzo[b]fluoranthene	<42		42	9.0	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Benzo[g,h,i]perylene	**23**	**J**	42	13	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Benzo[k]fluoranthene	<42		42	12	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Bis(2-chloroethoxy)methane	<210		210	43	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Bis(2-chloroethyl)ether	<210		210	63	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Bis(2-ethylhexyl) phthalate	<210		210	77	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Butyl benzyl phthalate	<210		210	80	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Carbazole	<210		210	110	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Chrysene	**25**	**J**	42	11	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Dibenz(a,h)anthracene	<42		42	8.1	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Dibenzofuran	<210		210	49	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Diethyl phthalate	<210		210	71	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Dimethyl phthalate	<210		210	55	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Di-n-butyl phthalate	<210		210	64	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Di-n-octyl phthalate	<210		210	68	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Fluoranthene	**31**	**J**	42	7.8	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Fluorene	<42		42	5.9	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Hexachlorobenzene	<84		84	9.7	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Hexachlorobutadiene	<210		210	66	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Hexachlorocyclopentadiene	<840		840	240	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Hexachloroethane	<210		210	64	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-6(0-7)-022515
Date Collected: 02/25/15 09:45
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-7
Matrix: Solid
Percent Solids: 78.8

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	<42		42	11	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Isophorone	<210		210	47	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Naphthalene	<42		42	6.4	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Nitrobenzene	<42		42	10	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
N-Nitrosodi-n-propylamine	<210		210	51	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
N-Nitrosodiphenylamine	<210		210	49	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Pentachlorophenol	<840		840	670	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Phenanthrene	**16**	**J**	42	5.8	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Phenol	<210		210	93	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1
Pyrene	**38**	**J**	42	8.3	ug/Kg	☼	02/27/15 07:14	03/08/15 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*35 - 137*	*02/27/15 07:14*	*03/08/15 20:56*	*1*
2-Fluorobiphenyl	*49*		*25 - 119*	*02/27/15 07:14*	*03/08/15 20:56*	*1*
2-Fluorophenol	*48*		*25 - 110*	*02/27/15 07:14*	*03/08/15 20:56*	*1*
Nitrobenzene-d5	*47*		*25 - 115*	*02/27/15 07:14*	*03/08/15 20:56*	*1*
Phenol-d5	*42*		*31 - 110*	*02/27/15 07:14*	*03/08/15 20:56*	*1*
Terphenyl-d14	*85*		*36 - 134*	*02/27/15 07:14*	*03/08/15 20:56*	*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		03/05/15 08:20	03/05/15 18:42	1
Barium	**0.56**		0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:42	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Cobalt	**0.022**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Copper	**0.012**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Iron	**0.25**		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:42	1
Lead	**0.018**		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:42	1
Manganese	**4.6**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Nickel	**0.021**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:42	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:42	1
Zinc	**0.18**		0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Barium	**0.064**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:18	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:18	1
Chromium	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Copper	**0.022**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Iron	**3.0**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:18	1
Lead	**0.0079**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 03:18	1
Manganese	**0.041**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Nickel	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:18	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:18	1

Client Sample ID: WW-6(0-7)-022515
Date Collected: 02/25/15 09:45
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-7
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	03/03/15 03:18	1
Zinc	**0.044**	**J**	0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:18	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.65**	**J B**	1.3	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Arsenic	**7.5**		0.63	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Barium	**80**		0.63	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Beryllium	**0.66**		0.25	0.054	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Cadmium	**0.44**		0.13	0.036	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Calcium	**34000**		13	4.0	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Chromium	**18**		0.63	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Cobalt	**8.7**		0.31	0.071	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Copper	**25**		0.63	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Iron	**19000**		13	4.8	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Lead	**83**		0.31	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Magnesium	**18000**		6.3	2.5	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Manganese	**370**		0.63	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Nickel	**22**		0.63	0.17	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Potassium	**2300**		31	5.1	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Selenium	<0.63		0.63	0.31	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Silver	<0.31		0.31	0.073	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Sodium	**620**		63	8.3	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Thallium	**0.87**		0.63	0.31	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Vanadium	**24**		0.31	0.092	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	1
Zinc	**100**	**B**	1.3	0.40	mg/Kg	☼	02/26/15 16:06	02/28/15 05:27	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		03/05/15 12:30	03/05/15 18:32	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		03/04/15 11:55	03/05/15 12:29	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	**44**		20	6.9	ug/Kg	☼	02/26/15 15:30	02/27/15 12:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.03**		0.200	0.200	SU			02/27/15 11:28	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-7(0-7)-022515
Date Collected: 02/25/15 10:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-8
Matrix: Solid
Percent Solids: 83.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	19		6.0	2.6	ug/Kg	☼		02/27/15 20:33	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		02/27/15 20:33	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/27/15 20:33	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		02/27/15 20:33	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		02/27/15 20:33	1
Carbon disulfide	<6.0		6.0	0.89	ug/Kg	☼		02/27/15 20:33	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		02/27/15 20:33	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		02/27/15 20:33	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 20:33	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		02/27/15 20:33	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		02/27/15 20:33	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		02/27/15 20:33	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 20:33	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		02/27/15 20:33	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		02/27/15 20:33	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/27/15 20:33	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		02/27/15 20:33	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		02/27/15 20:33	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 20:33	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		02/27/15 20:33	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		02/27/15 20:33	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 20:33	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		02/27/15 20:33	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		02/27/15 20:33	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		02/27/15 20:33	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		02/27/15 20:33	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		02/27/15 20:33	1
Tetrachloroethene	<6.0		6.0	0.91	ug/Kg	☼		02/27/15 20:33	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		02/27/15 20:33	1
trans-1,2-Dichloroethene	<6.0		6.0	0.82	ug/Kg	☼		02/27/15 20:33	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		02/27/15 20:33	1
1,1,1-Trichloroethane	<6.0		6.0	0.89	ug/Kg	☼		02/27/15 20:33	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		02/27/15 20:33	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		02/27/15 20:33	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		02/27/15 20:33	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		02/27/15 20:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/27/15 20:33*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*02/27/15 20:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/27/15 20:33*	*1*
Toluene-d8 (Surr)	*99*		*75 - 122*		*02/27/15 20:33*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<970		970	210	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
1,2-Dichlorobenzene	<970		970	230	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
1,3-Dichlorobenzene	<970		970	220	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
1,4-Dichlorobenzene	<970		970	250	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,2'-oxybis[1-chloropropane]	<970		970	220	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-7(0-7)-022515
Date Collected: 02/25/15 10:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-8
Matrix: Solid
Percent Solids: 83.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<1900		1900	440	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,4,6-Trichlorophenol	<1900		1900	660	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,4-Dichlorophenol	<1900		1900	460	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,4-Dimethylphenol	<1900		1900	730	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,4-Dinitrophenol	<3900		3900	3400	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,4-Dinitrotoluene	<970		970	310	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2,6-Dinitrotoluene	<970		970	380	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Chloronaphthalene	<970		970	210	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Chlorophenol	<970		970	330	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Methylnaphthalene	<190		190	36	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Methylphenol	<970		970	310	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Nitroaniline	<970		970	260	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
2-Nitrophenol	<1900		1900	460	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
3 & 4 Methylphenol	<970		970	320	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
3,3'-Dichlorobenzidine	<970		970	270	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
3-Nitroaniline	<1900		1900	600	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4,6-Dinitro-2-methylphenol	<1900		1900	1600	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Bromophenyl phenyl ether	<970		970	260	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Chloro-3-methylphenol	<1900		1900	660	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Chloroaniline	<3900		3900	910	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Chlorophenyl phenyl ether	<970		970	230	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Nitroaniline	<1900		1900	810	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
4-Nitrophenol	<3900		3900	1800	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Acenaphthene	<190		190	35	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Acenaphthylene	<190		190	26	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Anthracene	<190		190	32	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Benzo[a]anthracene	**77**	**J**	190	26	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Benzo[a]pyrene	**83**	**J**	190	37	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Benzo[b]fluoranthene	**110**	**J**	190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Benzo[g,h,i]perylene	**110**	**J**	190	62	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Benzo[k]fluoranthene	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Bis(2-chloroethoxy)methane	<970		970	200	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Bis(2-chloroethyl)ether	<970		970	290	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Bis(2-ethylhexyl) phthalate	<970		970	350	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Butyl benzyl phthalate	<970		970	370	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Carbazole	<970		970	500	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Chrysene	**77**	**J**	190	53	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Dibenz(a,h)anthracene	<190		190	37	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Dibenzofuran	<970		970	230	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Diethyl phthalate	<970		970	330	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Dimethyl phthalate	<970		970	250	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Di-n-butyl phthalate	<970		970	290	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Di-n-octyl phthalate	<970		970	320	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Fluoranthene	**130**	**J**	190	36	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Fluorene	<190		190	27	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Hexachlorobenzene	<390		390	45	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Hexachlorobutadiene	<970		970	300	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Hexachlorocyclopentadiene	<3900		3900	1100	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Hexachloroethane	<970		970	290	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-7(0-7)-022515
Date Collected: 02/25/15 10:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-8
Matrix: Solid
Percent Solids: 83.5

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	66	J	190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Isophorone	<970		970	220	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Naphthalene	<190		190	30	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Nitrobenzene	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
N-Nitrosodi-n-propylamine	<970		970	240	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
N-Nitrosodiphenylamine	<970		970	230	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Pentachlorophenol	<3900		3900	3100	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Phenanthrene	49	J	190	27	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Phenol	<970		970	430	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5
Pyrene	130	J	190	38	ug/Kg	☼	02/27/15 07:14	03/08/15 21:13	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*35 - 137*	*02/27/15 07:14*	*03/08/15 21:13*	*5*
2-Fluorobiphenyl	*46*		*25 - 119*	*02/27/15 07:14*	*03/08/15 21:13*	*5*
2-Fluorophenol	*41*		*25 - 110*	*02/27/15 07:14*	*03/08/15 21:13*	*5*
Nitrobenzene-d5	*47*		*25 - 115*	*02/27/15 07:14*	*03/08/15 21:13*	*5*
Phenol-d5	*38*		*31 - 110*	*02/27/15 07:14*	*03/08/15 21:13*	*5*
Terphenyl-d14	*74*		*36 - 134*	*02/27/15 07:14*	*03/08/15 21:13*	*5*

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		03/05/15 08:20	03/05/15 18:47	1
Barium	0.50		0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:47	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Copper	0.016	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:47	1
Manganese	4.2		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Nickel	0.015	J	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:47	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:47	1
Zinc	0.042	J	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.072		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Barium	0.69		0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:22	1
Beryllium	0.0072		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:22	1
Chromium	0.16		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Cobalt	0.068		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Copper	0.21		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Iron	180		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:22	1
Lead	0.22		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:39	5
Manganese	1.2		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Nickel	0.21		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:22	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:22	1

Client Sample ID: WW-7(0-7)-022515
Date Collected: 02/25/15 10:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-8
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	03/03/15 03:22	1
Zinc	**0.54**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:22	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.69**	**J B**	1.2	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Arsenic	**5.6**		0.58	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Barium	**49**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Beryllium	**0.66**		0.23	0.050	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Cadmium	**0.23**		0.12	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Calcium	**84000**		120	37	mg/Kg	☼	02/26/15 16:06	02/28/15 18:28	10
Chromium	**19**		0.58	0.099	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Cobalt	**9.8**		0.29	0.065	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Copper	**20**		0.58	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Iron	**18000**		12	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Lead	**13**		0.29	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Magnesium	**31000**		5.8	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Manganese	**410**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Nickel	**23**		0.58	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Potassium	**3100**		29	4.7	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Selenium	<0.58		0.58	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Silver	<0.29		0.29	0.067	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Sodium	**1500**		58	7.6	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Thallium	**0.99**		0.58	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Vanadium	**22**		0.29	0.084	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	1
Zinc	**50**	**B**	1.2	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 05:33	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		03/05/15 12:30	03/05/15 18:42	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		03/04/15 11:55	03/05/15 12:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**30**		19	6.5	ug/Kg	☼	02/26/15 15:30	02/27/15 12:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.46**		0.200	0.200	SU			02/27/15 11:32	1

Client Sample ID: WW-8(0-6)-022515
Date Collected: 02/25/15 10:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-9
Matrix: Solid
Percent Solids: 86.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.8		5.8	2.5	ug/Kg	☼		02/27/15 20:59	1
Benzene	<5.8		5.8	0.79	ug/Kg	☼		02/27/15 20:59	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		02/27/15 20:59	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		02/27/15 20:59	1
Bromomethane	<5.8		5.8	1.7	ug/Kg	☼		02/27/15 20:59	1
Carbon disulfide	<5.8		5.8	0.86	ug/Kg	☼		02/27/15 20:59	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		02/27/15 20:59	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		02/27/15 20:59	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		02/27/15 20:59	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		02/27/15 20:59	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		02/27/15 20:59	1
cis-1,2-Dichloroethene	<5.8		5.8	0.82	ug/Kg	☼		02/27/15 20:59	1
cis-1,3-Dichloropropene	<5.8		5.8	0.76	ug/Kg	☼		02/27/15 20:59	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		02/27/15 20:59	1
1,1-Dichloroethane	<5.8		5.8	0.91	ug/Kg	☼		02/27/15 20:59	1
1,2-Dichloroethane	<5.8		5.8	0.86	ug/Kg	☼		02/27/15 20:59	1
1,1-Dichloroethene	<5.8		5.8	0.93	ug/Kg	☼		02/27/15 20:59	1
1,2-Dichloropropane	<5.8		5.8	0.88	ug/Kg	☼		02/27/15 20:59	1
1,3-Dichloropropene, Total	<5.8		5.8	0.76	ug/Kg	☼		02/27/15 20:59	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		02/27/15 20:59	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		02/27/15 20:59	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		02/27/15 20:59	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		02/27/15 20:59	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		02/27/15 20:59	1
Methyl tert-butyl ether	<5.8		5.8	0.96	ug/Kg	☼		02/27/15 20:59	1
Styrene	<5.8		5.8	0.76	ug/Kg	☼		02/27/15 20:59	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		02/27/15 20:59	1
Tetrachloroethene	<5.8		5.8	0.88	ug/Kg	☼		02/27/15 20:59	1
Toluene	<5.8		5.8	0.81	ug/Kg	☼		02/27/15 20:59	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		02/27/15 20:59	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		02/27/15 20:59	1
1,1,1-Trichloroethane	<5.8		5.8	0.86	ug/Kg	☼		02/27/15 20:59	1
1,1,2-Trichloroethane	<5.8		5.8	0.79	ug/Kg	☼		02/27/15 20:59	1
Trichloroethene	<5.8		5.8	0.95	ug/Kg	☼		02/27/15 20:59	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		02/27/15 20:59	1
Xylenes, Total	<12		12	0.52	ug/Kg	☼		02/27/15 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 122*		*02/27/15 20:59*	*1*
Dibromofluoromethane	*86*		*75 - 120*		*02/27/15 20:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 134*		*02/27/15 20:59*	*1*
Toluene-d8 (Surr)	*100*		*75 - 122*		*02/27/15 20:59*	*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	☼	02/27/15 07:14	03/08/15 21:30	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-8(0-6)-022515
Date Collected: 02/25/15 10:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-9
Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	87	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,4-Dichlorophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,4-Dimethylphenol	<380		380	140	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,4-Dinitrophenol	<770		770	670	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Chlorophenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Methylnaphthalene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Methylphenol	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
2-Nitrophenol	<380		380	90	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
4-Nitrophenol	<770		770	360	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Acenaphthene	<38		38	6.8	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Acenaphthylene	<38		38	5.0	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Benzo[a]anthracene	**11**	**J**	38	5.1	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Benzo[a]pyrene	**12**	**J**	38	7.4	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Benzo[b]fluoranthene	**19**	**J**	38	8.2	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Benzo[g,h,i]perylene	**26**	**J**	38	12	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Bis(2-chloroethyl)ether	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Butyl benzyl phthalate	<190		190	72	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Carbazole	<190		190	98	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Chrysene	**17**	**J**	38	10	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Di-n-octyl phthalate	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Fluoranthene	**18**	**J**	38	7.1	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Hexachlorobenzene	<77		77	8.8	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-8(0-6)-022515
Date Collected: 02/25/15 10:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-9
Matrix: Solid
Percent Solids: 86.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	12	J	38	9.9	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Nitrobenzene	<38		38	9.5	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Pentachlorophenol	<770		770	610	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Phenanthrene	9.3	J	38	5.3	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Phenol	<190		190	85	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1
Pyrene	18	J	38	7.6	ug/Kg	☼	02/27/15 07:14	03/08/15 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*35 - 137*	*02/27/15 07:14*	*03/08/15 21:30*	*1*
2-Fluorobiphenyl	*54*		*25 - 119*	*02/27/15 07:14*	*03/08/15 21:30*	*1*
2-Fluorophenol	*49*		*25 - 110*	*02/27/15 07:14*	*03/08/15 21:30*	*1*
Nitrobenzene-d5	*47*		*25 - 115*	*02/27/15 07:14*	*03/08/15 21:30*	*1*
Phenol-d5	*45*		*31 - 110*	*02/27/15 07:14*	*03/08/15 21:30*	*1*
Terphenyl-d14	*75*		*36 - 134*	*02/27/15 07:14*	*03/08/15 21:30*	*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		03/05/15 08:20	03/05/15 18:52	1
Barium	0.30	J	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:52	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Copper	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:52	1
Manganese	0.38		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:52	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:52	1
Zinc	0.025	J	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.038	J	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Barium	0.31	J	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:27	1
Chromium	0.081		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Cobalt	0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Copper	0.13		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Iron	90		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:27	1
Lead	0.061		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 03:27	1
Manganese	0.37		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Nickel	0.097		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:27	1

Client Sample ID: WW-8(0-6)-022515
Date Collected: 02/25/15 10:15
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-9
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		03/01/15 15:00	03/03/15 03:27	1
Zinc	**0.31**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:27	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.39**	**J B**	1.1	0.22	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Arsenic	**6.4**		0.54	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Barium	**35**		0.54	0.098	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Beryllium	**0.47**		0.21	0.046	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Cadmium	**0.22**		0.11	0.031	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Calcium	**50000**		11	3.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Chromium	**13**		0.54	0.092	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Cobalt	**7.5**		0.27	0.060	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Copper	**19**		0.54	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Iron	**16000**		11	4.1	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Lead	**13**		0.27	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Magnesium	**29000**		5.4	2.2	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Manganese	**320**		0.54	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Nickel	**18**		0.54	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Potassium	**2300**		27	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Selenium	<0.54		0.54	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Silver	<0.27		0.27	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Sodium	**720**		54	7.1	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Thallium	**0.82**		0.54	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Vanadium	**16**		0.27	0.078	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1
Zinc	**38**	**B**	1.1	0.34	mg/Kg	☼	02/26/15 16:06	02/28/15 05:40	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/05/15 12:30	03/05/15 18:44	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		03/04/15 11:55	03/05/15 12:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**27**		19	6.7	ug/Kg	☼	02/26/15 15:30	02/27/15 12:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.16**		0.200	0.200	SU			02/27/15 11:35	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-8(6-13)-022515
Date Collected: 02/25/15 10:20
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-10
Matrix: Solid
Percent Solids: 89.6

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.6		5.6	2.4	ug/Kg	☼		03/02/15 18:40	1
Benzene	<5.6		5.6	0.76	ug/Kg	☼		03/02/15 18:40	1
Bromodichloromethane	<5.6		5.6	0.96	ug/Kg	☼		03/02/15 18:40	1
Bromoform	<5.6		5.6	1.3	ug/Kg	☼		03/02/15 18:40	1
Bromomethane	<5.6		5.6	1.7	ug/Kg	☼		03/02/15 18:40	1
Carbon disulfide	<5.6		5.6	0.83	ug/Kg	☼		03/02/15 18:40	1
Carbon tetrachloride	<5.6		5.6	1.0	ug/Kg	☼		03/02/15 18:40	1
Chlorobenzene	<5.6		5.6	0.57	ug/Kg	☼		03/02/15 18:40	1
Chloroethane	<5.6		5.6	1.5	ug/Kg	☼		03/02/15 18:40	1
Chloroform	<5.6		5.6	0.64	ug/Kg	☼		03/02/15 18:40	1
Chloromethane	<5.6		5.6	1.2	ug/Kg	☼		03/02/15 18:40	1
cis-1,2-Dichloroethene	<5.6		5.6	0.79	ug/Kg	☼		03/02/15 18:40	1
cis-1,3-Dichloropropene	<5.6		5.6	0.73	ug/Kg	☼		03/02/15 18:40	1
Dibromochloromethane	<5.6		5.6	0.97	ug/Kg	☼		03/02/15 18:40	1
1,1-Dichloroethane	<5.6		5.6	0.88	ug/Kg	☼		03/02/15 18:40	1
1,2-Dichloroethane	<5.6		5.6	0.83	ug/Kg	☼		03/02/15 18:40	1
1,1-Dichloroethene	<5.6		5.6	0.90	ug/Kg	☼		03/02/15 18:40	1
1,2-Dichloropropane	<5.6		5.6	0.85	ug/Kg	☼		03/02/15 18:40	1
1,3-Dichloropropene, Total	<5.6		5.6	0.73	ug/Kg	☼		03/02/15 18:40	1
Ethylbenzene	<5.6		5.6	1.1	ug/Kg	☼		03/02/15 18:40	1
2-Hexanone	<5.6		5.6	1.6	ug/Kg	☼		03/02/15 18:40	1
Methylene Chloride	<5.6		5.6	1.5	ug/Kg	☼		03/02/15 18:40	1
Methyl Ethyl Ketone	<5.6		5.6	2.0	ug/Kg	☼		03/02/15 18:40	1
methyl isobutyl ketone	<5.6		5.6	1.5	ug/Kg	☼		03/02/15 18:40	1
Methyl tert-butyl ether	<5.6		5.6	0.92	ug/Kg	☼		03/02/15 18:40	1
Styrene	<5.6		5.6	0.73	ug/Kg	☼		03/02/15 18:40	1
1,1,2,2-Tetrachloroethane	<5.6		5.6	1.1	ug/Kg	☼		03/02/15 18:40	1
Tetrachloroethene	<5.6		5.6	0.85	ug/Kg	☼		03/02/15 18:40	1
Toluene	<5.6		5.6	0.78	ug/Kg	☼		03/02/15 18:40	1
trans-1,2-Dichloroethene	<5.6		5.6	0.77	ug/Kg	☼		03/02/15 18:40	1
trans-1,3-Dichloropropene	<5.6		5.6	1.0	ug/Kg	☼		03/02/15 18:40	1
1,1,1-Trichloroethane	<5.6		5.6	0.83	ug/Kg	☼		03/02/15 18:40	1
1,1,2-Trichloroethane	<5.6		5.6	0.76	ug/Kg	☼		03/02/15 18:40	1
Trichloroethene	<5.6		5.6	0.92	ug/Kg	☼		03/02/15 18:40	1
Vinyl chloride	<5.6		5.6	1.2	ug/Kg	☼		03/02/15 18:40	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		03/02/15 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 122*		*03/02/15 18:40*	*1*
Dibromofluoromethane	*87*		*75 - 120*		*03/02/15 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*79*		*70 - 134*		*03/02/15 18:40*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*		*03/02/15 18:40*	*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	39	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
1,2-Dichlorobenzene	<180		180	43	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
1,3-Dichlorobenzene	<180		180	40	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
1,4-Dichlorobenzene	<180		180	46	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,2'-oxybis[1-chloropropane]	<180		180	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-8(6-13)-022515
Date Collected: 02/25/15 10:20
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-10
Matrix: Solid
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<360		360	82	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,4,6-Trichlorophenol	<360		360	120	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,4-Dichlorophenol	<360		360	85	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,4-Dimethylphenol	<360		360	140	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,4-Dinitrophenol	<720		720	630	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,4-Dinitrotoluene	<180		180	57	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2,6-Dinitrotoluene	<180		180	71	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Chloronaphthalene	<180		180	40	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Chlorophenol	<180		180	61	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Methylnaphthalene	<36		36	6.6	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Methylphenol	<180		180	58	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Nitroaniline	<180		180	48	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
2-Nitrophenol	<360		360	85	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
3 & 4 Methylphenol	<180		180	60	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
3,3'-Dichlorobenzidine	<180		180	50	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
3-Nitroaniline	<360		360	110	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4,6-Dinitro-2-methylphenol	<360		360	290	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Bromophenyl phenyl ether	<180		180	47	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Chloro-3-methylphenol	<360		360	120	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Chloroaniline	<720		720	170	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Chlorophenyl phenyl ether	<180		180	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Nitroaniline	<360		360	150	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
4-Nitrophenol	<720		720	340	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Acenaphthene	<36		36	6.5	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Acenaphthylene	<36		36	4.7	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Anthracene	<36		36	6.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Benzo[a]anthracene	<36		36	4.8	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Benzo[a]pyrene	<36		36	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Benzo[b]fluoranthene	<36		36	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Benzo[g,h,i]perylene	**18**	**J**	36	12	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Benzo[k]fluoranthene	<36		36	11	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Bis(2-chloroethoxy)methane	<180		180	37	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Bis(2-chloroethyl)ether	<180		180	54	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Bis(2-ethylhexyl) phthalate	<180		180	66	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Butyl benzyl phthalate	<180		180	68	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Carbazole	<180		180	93	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Chrysene	**10**	**J**	36	9.8	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Dibenz(a,h)anthracene	<36		36	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Dibenzofuran	<180		180	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Diethyl phthalate	<180		180	61	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Dimethyl phthalate	<180		180	47	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Di-n-butyl phthalate	<180		180	55	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Di-n-octyl phthalate	<180		180	59	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Fluoranthene	<36		36	6.7	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Fluorene	<36		36	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Hexachlorobenzene	<72		72	8.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Hexachlorobutadiene	<180		180	56	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Hexachlorocyclopentadiene	<720		720	210	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Hexachloroethane	<180		180	55	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-8(6-13)-022515
Date Collected: 02/25/15 10:20
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-10
Matrix: Solid
Percent Solids: 89.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<36		36	9.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Isophorone	<180		180	40	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Naphthalene	<36		36	5.5	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Nitrobenzene	<36		36	9.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
N-Nitrosodi-n-propylamine	<180		180	44	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
N-Nitrosodiphenylamine	<180		180	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Pentachlorophenol	<720		720	580	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Phenanthrene	**19**	**J**	36	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Phenol	<180		180	80	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1
Pyrene	**9.9**	**J**	36	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*44*		*35 - 137*	*02/27/15 07:14*	*03/06/15 17:26*	*1*
2-Fluorobiphenyl	*50*		*25 - 119*	*02/27/15 07:14*	*03/06/15 17:26*	*1*
2-Fluorophenol	*43*		*25 - 110*	*02/27/15 07:14*	*03/06/15 17:26*	*1*
Nitrobenzene-d5	*44*		*25 - 115*	*02/27/15 07:14*	*03/06/15 17:26*	*1*
Phenol-d5	*46*		*31 - 110*	*02/27/15 07:14*	*03/06/15 17:26*	*1*
Terphenyl-d14	*74*		*36 - 134*	*02/27/15 07:14*	*03/06/15 17:26*	*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		03/05/15 08:20	03/05/15 18:58	1
Barium	**0.49**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 18:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 18:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 18:58	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Cobalt	**0.026**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Copper	**0.020**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 18:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 18:58	1
Manganese	**1.2**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Nickel	**0.034**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 18:58	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 18:58	1
Zinc	**0.041**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 18:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Barium	**0.090**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:31	1
Chromium	**0.018**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Cobalt	<0.025		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Copper	**0.035**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Iron	**8.5**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 03:31	1
Manganese	**0.080**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Nickel	**0.014**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:31	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:31	1

Client Sample ID: WW-8(6-13)-022515
Date Collected: 02/25/15 10:20
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-10
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	03/03/15 03:31	1
Zinc	0.059	J	0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:31	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	J B	1.1	0.23	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Arsenic	5.7		0.54	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Barium	21		0.54	0.099	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Beryllium	0.40		0.22	0.047	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Cadmium	0.25		0.11	0.031	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Calcium	100000		110	35	mg/Kg	☼	02/26/15 16:06	02/28/15 18:32	10
Chromium	11		0.54	0.093	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Cobalt	5.4		0.27	0.061	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Copper	20		0.54	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Iron	14000		11	4.2	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Lead	8.2		0.27	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Magnesium	46000		5.4	2.2	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Manganese	290		0.54	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Nickel	13		0.54	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Potassium	2400		27	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Selenium	0.61		0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Sodium	260		54	7.2	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Thallium	0.42	J	0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Vanadium	13		0.27	0.079	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	1
Zinc	33	B	1.1	0.34	mg/Kg	☼	02/26/15 16:06	02/28/15 05:46	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		03/05/15 12:30	03/05/15 18:46	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		03/04/15 11:55	03/05/15 12:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	11	J	16	5.7	ug/Kg	☼	02/26/15 15:30	02/27/15 12:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.10		0.200	0.200	SU			02/27/15 11:39	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-11
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	☼		03/02/15 19:05	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		03/02/15 19:05	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/02/15 19:05	1
Bromoform	<5.9		5.9	1.3	ug/Kg	☼		03/02/15 19:05	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		03/02/15 19:05	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		03/02/15 19:05	1
Carbon tetrachloride	<5.9		5.9	1.1	ug/Kg	☼		03/02/15 19:05	1
Chlorobenzene	<5.9		5.9	0.59	ug/Kg	☼		03/02/15 19:05	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		03/02/15 19:05	1
Chloroform	<5.9		5.9	0.67	ug/Kg	☼		03/02/15 19:05	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 19:05	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		03/02/15 19:05	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 19:05	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/02/15 19:05	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		03/02/15 19:05	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		03/02/15 19:05	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		03/02/15 19:05	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		03/02/15 19:05	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 19:05	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 19:05	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		03/02/15 19:05	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		03/02/15 19:05	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		03/02/15 19:05	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		03/02/15 19:05	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		03/02/15 19:05	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		03/02/15 19:05	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 19:05	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		03/02/15 19:05	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		03/02/15 19:05	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		03/02/15 19:05	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		03/02/15 19:05	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		03/02/15 19:05	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		03/02/15 19:05	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		03/02/15 19:05	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		03/02/15 19:05	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/02/15 19:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*03/02/15 19:05*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*03/02/15 19:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*81*		*70 - 134*		*03/02/15 19:05*	*1*
Toluene-d8 (Surr)	*104*		*75 - 122*		*03/02/15 19:05*	*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	☼	02/27/15 07:14	03/06/15 17:49	1
1,2-Dichlorobenzene	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
1,4-Dichlorobenzene	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-11
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	<370		370	86	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,4-Dichlorophenol	<370		370	89	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,4-Dinitrophenol	<760		760	660	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,4-Dinitrotoluene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2,6-Dinitrotoluene	<190		190	74	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Chlorophenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Methylnaphthalene	<37		37	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Methylphenol	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Nitroaniline	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
2-Nitrophenol	<370		370	89	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
3 & 4 Methylphenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
3,3'-Dichlorobenzidine	<190		190	53	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
3-Nitroaniline	<370		370	120	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Bromophenyl phenyl ether	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Chloroaniline	<760		760	180	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Chlorophenyl phenyl ether	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Nitroaniline	<370		370	160	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
4-Nitrophenol	<760		760	360	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Acenaphthene	<37		37	6.8	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Acenaphthylene	<37		37	5.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Anthracene	<37		37	6.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Benzo[a]anthracene	<37		37	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Benzo[a]pyrene	<37		37	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Benzo[b]fluoranthene	**8.8**	**J**	37	8.1	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Bis(2-chloroethyl)ether	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Bis(2-ethylhexyl) phthalate	<190		190	69	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Butyl benzyl phthalate	<190		190	71	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Carbazole	<190		190	97	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Chrysene	**15**	**J**	37	10	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Dibenz(a,h)anthracene	<37		37	7.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Dibenzofuran	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Diethyl phthalate	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Dimethyl phthalate	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Di-n-butyl phthalate	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Di-n-octyl phthalate	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Fluoranthene	**15**	**J**	37	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Fluorene	<37		37	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Hexachlorobenzene	<76		76	8.7	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Hexachlorobutadiene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Hexachlorocyclopentadiene	<760		760	220	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Hexachloroethane	<190		190	57	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-11
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	<37		37	9.7	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Isophorone	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Naphthalene	<37		37	5.8	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Nitrobenzene	<37		37	9.4	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
N-Nitrosodi-n-propylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Pentachlorophenol	<760		760	600	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Phenanthrene	**18**	**J**	37	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Phenol	<190		190	83	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1
Pyrene	**14**	**J**	37	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 17:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*51*		*35 - 137*	*02/27/15 07:14*	*03/06/15 17:49*	*1*
2-Fluorobiphenyl	*53*		*25 - 119*	*02/27/15 07:14*	*03/06/15 17:49*	*1*
2-Fluorophenol	*45*		*25 - 110*	*02/27/15 07:14*	*03/06/15 17:49*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*02/27/15 07:14*	*03/06/15 17:49*	*1*
Phenol-d5	*48*		*31 - 110*	*02/27/15 07:14*	*03/06/15 17:49*	*1*
Terphenyl-d14	*75*		*36 - 134*	*02/27/15 07:14*	*03/06/15 17:49*	*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		03/05/15 08:20	03/05/15 19:03	1
Barium	**0.28**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:03	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Copper	**0.011**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:03	1
Manganese	**0.79**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Nickel	**0.013**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:03	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:03	1
Zinc	**0.035**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:03	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		03/01/15 15:00	03/03/15 03:47	1
Barium	**0.34**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 03:47	1
Beryllium	**0.0063**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 03:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 03:47	1
Chromium	**0.14**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:47	1
Cobalt	**0.046**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:47	1
Copper	**0.17**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:47	1
Iron	**130**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 03:47	1
Lead	**0.074**		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:43	5
Manganese	**0.55**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:47	1
Nickel	**0.16**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 03:47	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 03:47	1

Client Sample ID: WW-9(0-7)-022515
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-11
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	03/03/15 03:47	1
Zinc	**0.38**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 03:47	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.49**	**J B**	1.2	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Arsenic	**6.4**		0.58	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Barium	**38**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Beryllium	**0.63**		0.23	0.050	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Cadmium	**0.26**		0.12	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Calcium	**52000**		12	3.7	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Chromium	**18**		0.58	0.099	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Cobalt	**7.9**		0.29	0.065	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Copper	**22**		0.58	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Iron	**19000**		12	4.5	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Lead	**12**		0.29	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Magnesium	**31000**		5.8	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Manganese	**340**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Nickel	**23**		0.58	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Potassium	**3600**		29	4.7	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Selenium	<0.58		0.58	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Silver	<0.29		0.29	0.068	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Sodium	**900**		58	7.6	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Thallium	**0.50**	**J**	0.58	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Vanadium	**20**		0.29	0.084	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	1
Zinc	**44**	**B**	1.2	0.37	mg/Kg	☼	02/26/15 16:06	02/28/15 05:52	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		03/05/15 12:30	03/05/15 18:48	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		03/04/15 11:55	03/05/15 12:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**29**		17	6.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.12**		0.200	0.200	SU			02/27/15 11:42	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515D
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-12
Matrix: Solid
Percent Solids: 85.6

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 19:29	1
Benzene	<5.8		5.8	0.80	ug/Kg	☼		03/02/15 19:29	1
Bromodichloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 19:29	1
Bromoform	<5.8		5.8	1.3	ug/Kg	☼		03/02/15 19:29	1
Bromomethane	<5.8		5.8	1.8	ug/Kg	☼		03/02/15 19:29	1
Carbon disulfide	<5.8		5.8	0.87	ug/Kg	☼		03/02/15 19:29	1
Carbon tetrachloride	<5.8		5.8	1.1	ug/Kg	☼		03/02/15 19:29	1
Chlorobenzene	<5.8		5.8	0.59	ug/Kg	☼		03/02/15 19:29	1
Chloroethane	<5.8		5.8	1.6	ug/Kg	☼		03/02/15 19:29	1
Chloroform	<5.8		5.8	0.67	ug/Kg	☼		03/02/15 19:29	1
Chloromethane	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 19:29	1
cis-1,2-Dichloroethene	<5.8		5.8	0.83	ug/Kg	☼		03/02/15 19:29	1
cis-1,3-Dichloropropene	<5.8		5.8	0.77	ug/Kg	☼		03/02/15 19:29	1
Dibromochloromethane	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 19:29	1
1,1-Dichloroethane	<5.8		5.8	0.92	ug/Kg	☼		03/02/15 19:29	1
1,2-Dichloroethane	<5.8		5.8	0.87	ug/Kg	☼		03/02/15 19:29	1
1,1-Dichloroethene	<5.8		5.8	0.94	ug/Kg	☼		03/02/15 19:29	1
1,2-Dichloropropane	<5.8		5.8	0.89	ug/Kg	☼		03/02/15 19:29	1
1,3-Dichloropropene, Total	<5.8		5.8	0.77	ug/Kg	☼		03/02/15 19:29	1
Ethylbenzene	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 19:29	1
2-Hexanone	<5.8		5.8	1.7	ug/Kg	☼		03/02/15 19:29	1
Methylene Chloride	<5.8		5.8	1.6	ug/Kg	☼		03/02/15 19:29	1
Methyl Ethyl Ketone	<5.8		5.8	2.1	ug/Kg	☼		03/02/15 19:29	1
methyl isobutyl ketone	<5.8		5.8	1.5	ug/Kg	☼		03/02/15 19:29	1
Methyl tert-butyl ether	<5.8		5.8	0.97	ug/Kg	☼		03/02/15 19:29	1
Styrene	<5.8		5.8	0.77	ug/Kg	☼		03/02/15 19:29	1
1,1,2,2-Tetrachloroethane	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 19:29	1
Tetrachloroethene	<5.8		5.8	0.89	ug/Kg	☼		03/02/15 19:29	1
Toluene	<5.8		5.8	0.82	ug/Kg	☼		03/02/15 19:29	1
trans-1,2-Dichloroethene	<5.8		5.8	0.80	ug/Kg	☼		03/02/15 19:29	1
trans-1,3-Dichloropropene	<5.8		5.8	1.0	ug/Kg	☼		03/02/15 19:29	1
1,1,1-Trichloroethane	<5.8		5.8	0.87	ug/Kg	☼		03/02/15 19:29	1
1,1,2-Trichloroethane	<5.8		5.8	0.80	ug/Kg	☼		03/02/15 19:29	1
Trichloroethene	<5.8		5.8	0.96	ug/Kg	☼		03/02/15 19:29	1
Vinyl chloride	<5.8		5.8	1.2	ug/Kg	☼		03/02/15 19:29	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/02/15 19:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 122*		*03/02/15 19:29*	*1*
Dibromofluoromethane	*84*		*75 - 120*		*03/02/15 19:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*76*		*70 - 134*		*03/02/15 19:29*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*03/02/15 19:29*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,2'-oxybis[1-chloropropane]	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515D
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-12
Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,4-Dichlorophenol	<380		380	92	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,4-Dinitrophenol	<780		780	680	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2,6-Dinitrotoluene	<190		190	76	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Chloronaphthalene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Methylnaphthalene	**12**	**J**	38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Benzo[a]pyrene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Benzo[b]fluoranthene	<38		38	8.3	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Carbazole	<190		190	100	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Chrysene	**11**	**J**	38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Dibenz(a,h)anthracene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Di-n-butyl phthalate	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Fluoranthene	<38		38	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Hexachlorobenzene	<78		78	8.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Hexachlorobutadiene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Hexachloroethane	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-9(0-7)-022515D
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-12
Matrix: Solid
Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<38		38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
N-Nitrosodiphenylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Phenanthrene	**19**	**J**	38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Phenol	<190		190	86	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1
Pyrene	<38		38	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*46*		*35 - 137*	*02/27/15 07:14*	*03/06/15 18:13*	*1*
2-Fluorobiphenyl	*52*		*25 - 119*	*02/27/15 07:14*	*03/06/15 18:13*	*1*
2-Fluorophenol	*44*		*25 - 110*	*02/27/15 07:14*	*03/06/15 18:13*	*1*
Nitrobenzene-d5	*44*		*25 - 115*	*02/27/15 07:14*	*03/06/15 18:13*	*1*
Phenol-d5	*47*		*31 - 110*	*02/27/15 07:14*	*03/06/15 18:13*	*1*
Terphenyl-d14	*76*		*36 - 134*	*02/27/15 07:14*	*03/06/15 18:13*	*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		03/05/15 08:20	03/05/15 19:08	1
Barium	**0.22**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:08	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Copper	**0.028**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:08	1
Manganese	**0.88**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Nickel	**0.018**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:08	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:08	1
Zinc	**0.046**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.036**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Barium	**0.27**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:00	1
Beryllium	**0.0047**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:00	1
Chromium	**0.11**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Cobalt	**0.035**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Copper	**0.24**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Iron	**100**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:00	1
Lead	**0.078**		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:47	5
Manganese	**0.46**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Nickel	**0.13**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:00	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:00	1

Client Sample ID: WW-9(0-7)-022515D
Date Collected: 02/25/15 10:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-12
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	03/03/15 04:00	1
Zinc	**0.38**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:00	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.59**	**J B**	1.1	0.22	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Arsenic	**6.7**		0.54	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Barium	**34**		0.54	0.098	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Beryllium	**0.60**		0.22	0.047	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Cadmium	**0.30**		0.11	0.031	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Calcium	**50000**		11	3.5	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Chromium	**17**		0.54	0.092	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Cobalt	**14**		0.27	0.061	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Copper	**22**		0.54	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Iron	**20000**		11	4.1	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Lead	**11**		0.27	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Magnesium	**30000**		5.4	2.2	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Manganese	**540**		0.54	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Nickel	**35**		0.54	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Potassium	**3000**		27	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Selenium	<0.54		0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Silver	<0.27		0.27	0.063	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Sodium	**700**		54	7.1	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Thallium	**1.2**		0.54	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Vanadium	**18**		0.27	0.078	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	1
Zinc	**48**	**B**	1.1	0.34	mg/Kg	☼	02/26/15 16:06	02/28/15 05:58	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		03/05/15 12:30	03/05/15 18:50	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		03/04/15 11:55	03/05/15 12:47	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**		18	6.4	ug/Kg	☼	02/26/15 15:30	02/27/15 12:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.06**		0.200	0.200	SU			02/27/15 11:46	1

Client Sample ID: WW-10(0-7)-022515
Date Collected: 02/25/15 10:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-13
Matrix: Solid
Percent Solids: 83.2

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<6.0		6.0	2.6	ug/Kg	☼		03/02/15 19:54	1
Benzene	<6.0		6.0	0.82	ug/Kg	☼		03/02/15 19:54	1
Bromodichloromethane	<6.0		6.0	1.0	ug/Kg	☼		03/02/15 19:54	1
Bromoform	<6.0		6.0	1.4	ug/Kg	☼		03/02/15 19:54	1
Bromomethane	<6.0		6.0	1.8	ug/Kg	☼		03/02/15 19:54	1
Carbon disulfide	<6.0		6.0	0.90	ug/Kg	☼		03/02/15 19:54	1
Carbon tetrachloride	<6.0		6.0	1.1	ug/Kg	☼		03/02/15 19:54	1
Chlorobenzene	<6.0		6.0	0.61	ug/Kg	☼		03/02/15 19:54	1
Chloroethane	<6.0		6.0	1.6	ug/Kg	☼		03/02/15 19:54	1
Chloroform	<6.0		6.0	0.69	ug/Kg	☼		03/02/15 19:54	1
Chloromethane	<6.0		6.0	1.3	ug/Kg	☼		03/02/15 19:54	1
cis-1,2-Dichloroethene	<6.0		6.0	0.85	ug/Kg	☼		03/02/15 19:54	1
cis-1,3-Dichloropropene	<6.0		6.0	0.79	ug/Kg	☼		03/02/15 19:54	1
Dibromochloromethane	<6.0		6.0	1.0	ug/Kg	☼		03/02/15 19:54	1
1,1-Dichloroethane	<6.0		6.0	0.95	ug/Kg	☼		03/02/15 19:54	1
1,2-Dichloroethane	<6.0		6.0	0.89	ug/Kg	☼		03/02/15 19:54	1
1,1-Dichloroethene	<6.0		6.0	0.97	ug/Kg	☼		03/02/15 19:54	1
1,2-Dichloropropane	<6.0		6.0	0.91	ug/Kg	☼		03/02/15 19:54	1
1,3-Dichloropropene, Total	<6.0		6.0	0.79	ug/Kg	☼		03/02/15 19:54	1
Ethylbenzene	<6.0		6.0	1.2	ug/Kg	☼		03/02/15 19:54	1
2-Hexanone	<6.0		6.0	1.7	ug/Kg	☼		03/02/15 19:54	1
Methylene Chloride	<6.0		6.0	1.6	ug/Kg	☼		03/02/15 19:54	1
Methyl Ethyl Ketone	<6.0		6.0	2.2	ug/Kg	☼		03/02/15 19:54	1
methyl isobutyl ketone	<6.0		6.0	1.6	ug/Kg	☼		03/02/15 19:54	1
Methyl tert-butyl ether	<6.0		6.0	0.99	ug/Kg	☼		03/02/15 19:54	1
Styrene	<6.0		6.0	0.79	ug/Kg	☼		03/02/15 19:54	1
1,1,2,2-Tetrachloroethane	<6.0		6.0	1.2	ug/Kg	☼		03/02/15 19:54	1
Tetrachloroethene	<6.0		6.0	0.92	ug/Kg	☼		03/02/15 19:54	1
Toluene	<6.0		6.0	0.84	ug/Kg	☼		03/02/15 19:54	1
trans-1,2-Dichloroethene	<6.0		6.0	0.83	ug/Kg	☼		03/02/15 19:54	1
trans-1,3-Dichloropropene	<6.0		6.0	1.1	ug/Kg	☼		03/02/15 19:54	1
1,1,1-Trichloroethane	<6.0		6.0	0.90	ug/Kg	☼		03/02/15 19:54	1
1,1,2-Trichloroethane	<6.0		6.0	0.82	ug/Kg	☼		03/02/15 19:54	1
Trichloroethene	<6.0		6.0	0.99	ug/Kg	☼		03/02/15 19:54	1
Vinyl chloride	<6.0		6.0	1.3	ug/Kg	☼		03/02/15 19:54	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		03/02/15 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 122*		*03/02/15 19:54*	*1*
Dibromofluoromethane	*85*		*75 - 120*		*03/02/15 19:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*75*		*70 - 134*		*03/02/15 19:54*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*		*03/02/15 19:54*	*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	☼	02/27/15 07:14	03/06/15 18:37	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
1,3-Dichlorobenzene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
1,4-Dichlorobenzene	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,2'-oxybis[1-chloropropane]	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-10(0-7)-022515
Date Collected: 02/25/15 10:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-13
Matrix: Solid
Percent Solids: 83.2

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	☼	02/27/15 07:14	03/06/15 18:37	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,4-Dichlorophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,4-Dinitrophenol	<770		770	680	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,4-Dinitrotoluene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2,6-Dinitrotoluene	<190		190	75	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Chloronaphthalene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Methylnaphthalene	<38		38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
3 & 4 Methylphenol	<190		190	64	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Chloroaniline	<770		770	180	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
4-Nitrophenol	<770		770	370	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Acenaphthene	<38		38	6.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Anthracene	<38		38	6.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Benzo[a]pyrene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Benzo[b]fluoranthene	<38		38	8.3	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Bis(2-ethylhexyl) phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Butyl benzyl phthalate	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Carbazole	<190		190	99	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Chrysene	<38		38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Dibenz(a,h)anthracene	<38		38	7.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Diethyl phthalate	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Dimethyl phthalate	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Di-n-butyl phthalate	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Fluoranthene	<38		38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Hexachlorobenzene	<77		77	8.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Hexachlorobutadiene	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Hexachlorocyclopentadiene	<770		770	220	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Hexachloroethane	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WW-10(0-7)-022515
Date Collected: 02/25/15 10:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-13
Matrix: Solid
Percent Solids: 83.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<38		38	9.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Naphthalene	<38		38	5.9	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Nitrobenzene	<38		38	9.6	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
N-Nitrosodiphenylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Pentachlorophenol	<770		770	620	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Phenanthrene	<38		38	5.3	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Phenol	<190		190	85	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1
Pyrene	<38		38	7.6	ug/Kg	☼	02/27/15 07:14	03/06/15 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*45*		*35 - 137*	*02/27/15 07:14*	*03/06/15 18:37*	*1*
2-Fluorobiphenyl	*50*		*25 - 119*	*02/27/15 07:14*	*03/06/15 18:37*	*1*
2-Fluorophenol	*44*		*25 - 110*	*02/27/15 07:14*	*03/06/15 18:37*	*1*
Nitrobenzene-d5	*44*		*25 - 115*	*02/27/15 07:14*	*03/06/15 18:37*	*1*
Phenol-d5	*46*		*31 - 110*	*02/27/15 07:14*	*03/06/15 18:37*	*1*
Terphenyl-d14	*73*		*36 - 134*	*02/27/15 07:14*	*03/06/15 18:37*	*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		03/05/15 08:20	03/05/15 19:13	1
Barium	**0.27**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:13	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Copper	**0.014**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:13	1
Manganese	**0.54**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:13	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:13	1
Zinc	**0.041**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:13	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		03/01/15 15:00	03/03/15 04:04	1
Barium	**0.33**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:04	1
Beryllium	**0.0046**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:04	1
Chromium	**0.12**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:04	1
Cobalt	**0.033**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:04	1
Copper	**0.17**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:04	1
Iron	**130**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:04	1
Lead	**0.064**		0.038	0.038	mg/L		03/01/15 15:00	03/03/15 23:51	5
Manganese	**0.51**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:04	1
Nickel	**0.14**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:04	1

Client Sample ID: WW-10(0-7)-022515
Date Collected: 02/25/15 10:50
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-13
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	03/03/15 04:04	1
Zinc	**0.36**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:04	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.57**	**J B**	1.1	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Arsenic	**6.8**		0.57	0.26	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Barium	**35**		0.57	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Beryllium	**0.69**		0.23	0.049	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Cadmium	**0.31**		0.11	0.033	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Calcium	**47000**		11	3.7	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Chromium	**19**		0.57	0.098	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Cobalt	**13**		0.28	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Copper	**21**		0.57	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Iron	**21000**		11	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Lead	**11**		0.28	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Magnesium	**28000**		5.7	2.3	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Manganese	**450**		0.57	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Nickel	**29**		0.57	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Potassium	**3800**		28	4.6	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Selenium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Silver	<0.28		0.28	0.067	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Sodium	**820**		57	7.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Thallium	**1.0**		0.57	0.28	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Vanadium	**20**		0.28	0.083	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	1
Zinc	**48**	**B**	1.1	0.36	mg/Kg	☼	02/26/15 16:06	02/28/15 06:05	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		03/05/15 12:30	03/05/15 18:52	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		03/04/15 11:55	03/05/15 12:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**23**		17	6.0	ug/Kg	☼	02/26/15 15:30	02/27/15 12:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.12**		0.200	0.200	SU			02/27/15 11:49	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control 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
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 - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

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 ENVIRONMENTAL TESTING

2417 Bond Street, University Park, IL 60
Phone: 708.534.5200 Fax: 708.53

500-92607 COC

Report To (optional)
Contact: S. Babusukumar
Company: Weston Solutions, Inc.
Address: 300 Plaza Circle # 202
Address: Mundelein, IL 60060
Phone: 224-864-7250
Fax:
E-Mail: Babu.Babusukumar@westonsolutions.com

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

Chain of Custody Record

Lab Job #: 500-92607
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 2.7, 3.2, 3.5

Client: Weston Solutions, Inc.
Client Project #: 009
Project Name: IDOT-South Barrington WO 009
Project Location/State: South Barrington, IL
Lab Project #: 50010640
Sampler: Sena
Lab PM: Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	metals (Pres. 7)	TCLP/SPLP metals (Pres. 7)	pH (Pres. 7)					Comments
1		WW-1(0-7)-022515	2-25-15	8:15	2	SO	X	X	X	X	X					
2		WW-1(0-7)-022515 D	↓	8:15	↓	↓	↓	↓	↓	↓	↓					
3		WW-2(0-7)-022515	↓	8:35	↓	↓	↓	↓	↓	↓	↓					
4		WW-3(0-7)-022515	↓	8:50	↓	↓	↓	↓	↓	↓	↓					
5		WW-4(0-7)-022515	↓	9:10	↓	↓	↓	↓	↓	↓	↓					
6		WW-5(0-7)-022515	↓	9:30	↓	↓	↓	↓	↓	↓	↓					
7		WW-6(0-7)-022515	↓	9:45	↓	↓	↓	↓	↓	↓	↓					
8		WW-7(0-7)-022515	↓	10:00	↓	↓	↓	↓	↓	↓	↓					
9		WW-8(0-6)-022515	↓	10:15	↓	↓	↓	↓	↓	↓	↓					
10		WW-8(6-13)-022515	2-25-15	10:20	2	SO	X	X	X	X	X					

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

Turnaround Time Required (Business Days)
__ 1 Day __ 2 Days __ 5 Days __ 7 Days __ 10 Days __ 15 Days Stnd 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
David Dena	Weston	2-25-15	1550	P. Neal	TA	2/25/15	1550
P. Neal	TA	2/25/15	1737	Shawn [illegible]	TA-CHI	2/26/15	0915

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)

3/9/2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Chain of Custody Record

Lab Job #: 500-92607

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

Report To (optional)		Bill To (optional)	
Contact:	Weston Solutions, Inc.	Contact:	SAME
Company:	Baba Babasukumar	Company:	
Address:	300 Plaza Circle #202	Address:	
Address:	Mundelein, IL 60060	Address:	
Phone:	224-864-7250	Phone:	
Fax:		Fax:	
E-Mail:	Baba.Babasukumar@westonsolutions.com	PO#/Reference#	

Client: Weston Solutions, Inc. Client Project #: 009

Project Name: South Barrington, IL

Project Location/State: IDOT - South Barrington WO #009 Lab Project #: 50010640

Sampler: Sena Lab PM: 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	metals	TCLP/SPLP Metals	pH					
11		WW-9(0-7) - 022515	2-25-15	10:40	2	SO		X	X	X	X	X					
12		WW-9(0-7) - 022515D		10:40													
13		WW-10(0-7) - 022515		10:50													
14		CF-1(0-7) - 022515		11:05													
15		CF-2(0-6) - 022515		11:25													
16		CF-2(6-13) - 022515		11:30													
17		RV-1(0-6) - 022515		12:30													
18		RV-1(6-13) - 022515		12:35													
19		WC-1(0-6) - 022515		12:55													
20		WC-1(6-13) - 022515	2-25-15	13:00	2	SO		X	X	X	X	X					

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Std 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	David Sena	Weston	2-25-15	15:50		TA	2/25/15	1550
2		TA	2/25/15	1730		TA-CHI	2/26/15	0715
3								

Lab Courier: TA

Shipped:

Hand Delivered:

Matrix Key

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

Client Comments:

Lab Comments:

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: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd Office Phone Number, if available: _____

Physical Site Location (address, incldluding number and street):
67 Algonquin Road (2736-7)

City: South Barrington State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: 42.096486128 (Decimal Degrees) Longitude: -88.139696410 (-Decimal Degrees)

Identify how the lat/long data were determined:

☒ GPS ☐ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

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

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Illinois Department of Transportation	Name:	Illinois Department of Transportation
Street Address:	201 West Center Court	Street Address:	201 West Center Court
PO Box:		PO Box:	
City:	Schaumburg State: IL	City:	Schaumburg State: IL
Zip Code:	60196-1096 Phone: 847-705-4101	Zip Code:	60196-1096 Phone: 847-705-4101
Contact:	Sam Mead	Contact:	Sam Mead
Email, if available:	Sam.Mead@illinois.gov	Email, if available:	Sam.Mead@illinois.gov

Project Name: FAP 339: IL 62 (Algonquin Rd) at Barrington Rd

Latitude: 42.096486128 Longitude: -88.139696410

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 WC-1 THROUGH WC-3 WERE SAMPLED ADJACENT TO ISGS SITE No. 2736-7. SEE FIGURE 3-1 AND TABLE 4-1 OF THE REVISED PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-92607-1 AND
TEST AMERICA ANALYTICAL REPORT - JOB ID: 500-92608-1.

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

I, William F. Karlovitz, P.E. (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 Plaza Circle, 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 2, 2015
Date:

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

Summary Table of ISGS Site No. 2736-7
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAP 339: IL Route 62 (Algonquin Road) At Barrington Road
South Barrington, Cook County, Illinois

Field Sample ID	WC-1(0-6)-022515	WC-1(6-13)-022515	WC-2(0-7)-022515	WC-3(0-7)-022515	Soil Reference Concentrations[A]
Sample Date	2/25/2015	2/25/2015	2/25/2015	2/25/2015	
Location ID	WC-1	WC-1	WC-2	WC-3	
Depth	0 - 6	6 - 13	0 - 7	0 - 7	
Location ID	2736-7	2736-7	2736-7	2736-7	
Parameter					
Laboratory pH (s.u.)	8.63	8.7	7.96	8.35	<6.25,>9.0
VOCs (ug/kg)					
Acetone	ND	ND	13	ND	25000
Methyl ethyl ketone	ND	ND	28	ND	---
SVOCs (ug/kg)	None Detected				
Total Metals (mg/kg)					
Arsenic, Total	8.7 J	7.3 J	8.1	5.3	11.3 / 13
Barium, Total	46 J	30 J	68	34	1500
Beryllium, Total	0.59	0.54	0.7	0.4	22
Cadmium, Total	0.32 J-	0.22 J-	0.21	0.083 J	5.2
Calcium, Total	47000 J	91000 J	24000	100000	---
Chromium, Total	16 J+	15 J+	19	11	21
Cobalt, Total	9.2 J	6.3 J	13	7.5	20
Copper, Total	24 J	19 J	25	15	2900
Iron, Total	19000 J	17000 J	19000	11000	15000 / 15900
Lead, Total	19 J	9.9 J	90	12	107
Magnesium, Total	27000 J	41000 J	15000	46000	325000
Manganese, Total	440 J-	280 J-	470	370	630 / 636
Mercury, Total	0.026	0.017	0.026	ND	0.89
Nickel, Total	22 J-	19 J-	28	17	100
Potassium, Total	2400 J+	3200 J+	1900	1300	---
Selenium, Total	ND	ND	0.34 J	ND	1.3
Sodium, Total	410 J	450 J	1400	560	---
Thallium, Total	1.1	0.41 J	ND	ND	2.6
Vanadium, Total	20	17	23	15	550
Zinc, Total	49 J-	40 J-	110	89	5100
TCLP Metals (mg/l)					
Arsenic, TCLP	ND	ND	0.011 J	0.013 J	0.05
Barium, TCLP	0.33 J	0.22 J	0.39 J	0.33 J	2
Cadmium, TCLP	ND	0.0024 J	0.0022 J	ND	0.005
Cobalt, TCLP	ND	0.061	0.034	ND	1
Copper, TCLP	0.016 J	0.025	0.027	0.03	0.65
Iron, TCLP	ND	0.26	ND	ND	5
Lead, TCLP	ND	ND	0.0093	ND	0.0075
Manganese, TCLP	0.09	4.1	8	1.2	0.15
Nickel, TCLP	ND	0.054	0.024 J	0.012 J	0.1
Zinc, TCLP	0.033 J	0.035 J	0.058 J	0.04 J	5
SPLP Metals (mg/l)					
Arsenic, SPLP	0.028 J	0.086	0.081	0.016 J	0.05
Barium, SPLP	0.21 J	0.32 J	0.65	0.2 J	2
Beryllium, SPLP	ND	0.0059	0.0077	ND	0.004
Cadmium, SPLP	ND	ND	0.0022 J	ND	0.005
Chromium, SPLP	0.06	0.14	0.18	0.058	0.1
Cobalt, SPLP	0.012 J	0.047	0.074	0.019 J	1
Copper, SPLP	0.09	0.21	0.26	0.087	0.65
Iron, SPLP	58 J+	160 J+	210	59	5
Lead, SPLP	0.028	0.078	0.35	0.07	0.0075
Manganese, SPLP	0.21	0.58	1.2	0.39	0.15
Nickel, SPLP	0.063	0.19	0.24	0.065	0.1
Zinc, SPLP	0.22	0.45	0.64	0.21	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.

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: 500-92607-1
Client Project/Site: IDOT - South Barrington - WO 009

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/9/2015 4:10:21 PM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(0-6)-022515
Date Collected: 02/25/15 12:55
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-19
Matrix: Solid
Percent Solids: 84.5

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.9		5.9	2.6	ug/Kg	☼		03/03/15 14:38	1
Benzene	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 14:38	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 14:38	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		03/03/15 14:38	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		03/03/15 14:38	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 14:38	1
Carbon tetrachloride	<5.9	*	5.9	1.1	ug/Kg	☼		03/03/15 14:38	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		03/03/15 14:38	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 14:38	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		03/03/15 14:38	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 14:38	1
cis-1,2-Dichloroethene	<5.9		5.9	0.84	ug/Kg	☼		03/03/15 14:38	1
cis-1,3-Dichloropropene	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 14:38	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 14:38	1
1,1-Dichloroethane	<5.9		5.9	0.94	ug/Kg	☼		03/03/15 14:38	1
1,2-Dichloroethane	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 14:38	1
1,1-Dichloroethene	<5.9		5.9	0.96	ug/Kg	☼		03/03/15 14:38	1
1,2-Dichloropropane	<5.9		5.9	0.90	ug/Kg	☼		03/03/15 14:38	1
1,3-Dichloropropene, Total	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 14:38	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 14:38	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		03/03/15 14:38	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 14:38	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		03/03/15 14:38	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		03/03/15 14:38	1
Methyl tert-butyl ether	<5.9		5.9	0.98	ug/Kg	☼		03/03/15 14:38	1
Styrene	<5.9		5.9	0.78	ug/Kg	☼		03/03/15 14:38	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 14:38	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		03/03/15 14:38	1
Toluene	<5.9		5.9	0.83	ug/Kg	☼		03/03/15 14:38	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 14:38	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		03/03/15 14:38	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 14:38	1
1,1,2-Trichloroethane	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 14:38	1
Trichloroethene	<5.9		5.9	0.98	ug/Kg	☼		03/03/15 14:38	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 14:38	1
Xylenes, Total	<12		12	0.54	ug/Kg	☼		03/03/15 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 122*		*03/03/15 14:38*	*1*
Dibromofluoromethane	*79*		*75 - 120*		*03/03/15 14:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*74*		*70 - 134*		*03/03/15 14:38*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*		*03/03/15 14:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
1,2-Dichlorobenzene	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
1,3-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
1,4-Dichlorobenzene	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,2'-oxybis[1-chloropropane]	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(0-6)-022515
Date Collected: 02/25/15 12:55
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-19
Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<380		380	88	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,4,6-Trichlorophenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,4-Dichlorophenol	<380		380	92	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,4-Dimethylphenol	<380		380	150	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,4-Dinitrophenol	<780		780	680	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,4-Dinitrotoluene	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2,6-Dinitrotoluene	<190		190	76	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Chloronaphthalene	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Chlorophenol	<190		190	66	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Methylnaphthalene	<38		38	7.1	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Nitroaniline	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
2-Nitrophenol	<380		380	91	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
3 & 4 Methylphenol	<190		190	65	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
3,3'-Dichlorobenzidine	<190		190	54	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
3-Nitroaniline	<380		380	120	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4,6-Dinitro-2-methylphenol	<380		380	310	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Bromophenyl phenyl ether	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Chloro-3-methylphenol	<380		380	130	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Chloroaniline	<780		780	180	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Chlorophenyl phenyl ether	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Nitroaniline	<380		380	160	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
4-Nitrophenol	<780		780	370	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Acenaphthene	<38		38	7.0	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Acenaphthylene	<38		38	5.1	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Anthracene	<38		38	6.5	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Benzo[a]anthracene	<38		38	5.2	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Benzo[a]pyrene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Benzo[b]fluoranthene	<38		38	8.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Benzo[g,h,i]perylene	<38		38	12	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Benzo[k]fluoranthene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Bis(2-chloroethoxy)methane	<190		190	39	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Bis(2-chloroethyl)ether	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Bis(2-ethylhexyl) phthalate	<190		190	71	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Butyl benzyl phthalate	<190		190	74	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Carbazole	<190		190	100	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Chrysene	<38		38	11	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Dibenz(a,h)anthracene	<38		38	7.5	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Dibenzofuran	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Diethyl phthalate	<190		190	66	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Dimethyl phthalate	<190		190	51	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Di-n-butyl phthalate	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Di-n-octyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Fluoranthene	<38		38	7.2	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Fluorene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Hexachlorobenzene	<78		78	9.0	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Hexachlorobutadiene	<190		190	61	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Hexachlorocyclopentadiene	<780		780	220	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Hexachloroethane	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(0-6)-022515
Date Collected: 02/25/15 12:55
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-19
Matrix: Solid
Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<38		38	10	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Isophorone	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Naphthalene	<38		38	6.0	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Nitrobenzene	<38		38	9.7	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
N-Nitrosodi-n-propylamine	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
N-Nitrosodiphenylamine	<190		190	46	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Pentachlorophenol	<780		780	620	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Phenanthrene	<38		38	5.4	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Phenol	<190		190	86	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1
Pyrene	<38		38	7.7	ug/Kg	☼	02/27/15 07:14	03/06/15 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*41*		*35 - 137*	*02/27/15 07:14*	*03/06/15 20:57*	*1*
2-Fluorobiphenyl	*43*		*25 - 119*	*02/27/15 07:14*	*03/06/15 20:57*	*1*
2-Fluorophenol	*36*		*25 - 110*	*02/27/15 07:14*	*03/06/15 20:57*	*1*
Nitrobenzene-d5	*36*		*25 - 115*	*02/27/15 07:14*	*03/06/15 20:57*	*1*
Phenol-d5	*38*		*31 - 110*	*02/27/15 07:14*	*03/06/15 20:57*	*1*
Terphenyl-d14	*72*		*36 - 134*	*02/27/15 07:14*	*03/06/15 20:57*	*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		03/05/15 08:20	03/05/15 19:50	1
Barium	**0.33**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 19:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 19:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 19:50	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Cobalt	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Copper	**0.016**	**J**	0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Iron	<0.20		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 19:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 19:50	1
Manganese	**0.090**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Nickel	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 19:50	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 19:50	1
Zinc	**0.033**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 19:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.028**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Barium	**0.21**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:30	1
Chromium	**0.060**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Cobalt	**0.012**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Copper	**0.090**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Iron	**58**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:30	1
Lead	**0.028**		0.0075	0.0075	mg/L		03/01/15 15:00	03/03/15 04:30	1
Manganese	**0.21**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Nickel	**0.063**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:30	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:30	1

Client Sample ID: WC-1(0-6)-022515
Date Collected: 02/25/15 12:55
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-19
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	03/03/15 04:30	1
Zinc	**0.22**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.50**	**J B**	1.2	0.24	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Arsenic	**8.7**		0.58	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Barium	**46**		0.58	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Beryllium	**0.59**		0.23	0.050	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Cadmium	**0.32**		0.12	0.034	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Calcium	**47000**		12	3.7	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Chromium	**16**		0.58	0.10	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Cobalt	**9.2**		0.29	0.066	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Copper	**24**		0.58	0.13	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Iron	**19000**		12	4.5	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Lead	**19**		0.29	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Magnesium	**27000**		5.8	2.4	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Manganese	**440**		0.58	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Nickel	**22**		0.58	0.16	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Potassium	**2400**		29	4.7	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Selenium	<0.58		0.58	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Silver	<0.29		0.29	0.068	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Sodium	**410**		58	7.7	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Thallium	**1.1**		0.58	0.29	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Vanadium	**20**		0.29	0.085	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	1
Zinc	**49**	**B**	1.2	0.37	mg/Kg	☼	02/26/15 16:06	02/28/15 06:57	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		03/05/15 12:30	03/05/15 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.20		0.20	0.20	ug/L		03/04/15 11:55	03/05/15 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**26**		19	6.5	ug/Kg	☼	02/26/15 15:30	02/27/15 12:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.63**		0.200	0.200	SU			02/27/15 12:14	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(6-13)-022515
Date Collected: 02/25/15 13:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-20
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	☼		03/03/15 15:02	1
Benzene	<5.9		5.9	0.80	ug/Kg	☼		03/03/15 15:02	1
Bromodichloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 15:02	1
Bromoform	<5.9		5.9	1.4	ug/Kg	☼		03/03/15 15:02	1
Bromomethane	<5.9		5.9	1.8	ug/Kg	☼		03/03/15 15:02	1
Carbon disulfide	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 15:02	1
Carbon tetrachloride	<5.9	*	5.9	1.1	ug/Kg	☼		03/03/15 15:02	1
Chlorobenzene	<5.9		5.9	0.60	ug/Kg	☼		03/03/15 15:02	1
Chloroethane	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 15:02	1
Chloroform	<5.9		5.9	0.68	ug/Kg	☼		03/03/15 15:02	1
Chloromethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 15:02	1
cis-1,2-Dichloroethene	<5.9		5.9	0.83	ug/Kg	☼		03/03/15 15:02	1
cis-1,3-Dichloropropene	<5.9		5.9	0.77	ug/Kg	☼		03/03/15 15:02	1
Dibromochloromethane	<5.9		5.9	1.0	ug/Kg	☼		03/03/15 15:02	1
1,1-Dichloroethane	<5.9		5.9	0.93	ug/Kg	☼		03/03/15 15:02	1
1,2-Dichloroethane	<5.9		5.9	0.87	ug/Kg	☼		03/03/15 15:02	1
1,1-Dichloroethene	<5.9		5.9	0.95	ug/Kg	☼		03/03/15 15:02	1
1,2-Dichloropropane	<5.9		5.9	0.89	ug/Kg	☼		03/03/15 15:02	1
1,3-Dichloropropene, Total	<5.9		5.9	0.77	ug/Kg	☼		03/03/15 15:02	1
Ethylbenzene	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 15:02	1
2-Hexanone	<5.9		5.9	1.7	ug/Kg	☼		03/03/15 15:02	1
Methylene Chloride	<5.9		5.9	1.6	ug/Kg	☼		03/03/15 15:02	1
Methyl Ethyl Ketone	<5.9		5.9	2.1	ug/Kg	☼		03/03/15 15:02	1
methyl isobutyl ketone	<5.9		5.9	1.5	ug/Kg	☼		03/03/15 15:02	1
Methyl tert-butyl ether	<5.9		5.9	0.97	ug/Kg	☼		03/03/15 15:02	1
Styrene	<5.9		5.9	0.77	ug/Kg	☼		03/03/15 15:02	1
1,1,2,2-Tetrachloroethane	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 15:02	1
Tetrachloroethene	<5.9		5.9	0.90	ug/Kg	☼		03/03/15 15:02	1
Toluene	<5.9		5.9	0.82	ug/Kg	☼		03/03/15 15:02	1
trans-1,2-Dichloroethene	<5.9		5.9	0.81	ug/Kg	☼		03/03/15 15:02	1
trans-1,3-Dichloropropene	<5.9		5.9	1.1	ug/Kg	☼		03/03/15 15:02	1
1,1,1-Trichloroethane	<5.9		5.9	0.88	ug/Kg	☼		03/03/15 15:02	1
1,1,2-Trichloroethane	<5.9		5.9	0.80	ug/Kg	☼		03/03/15 15:02	1
Trichloroethene	<5.9		5.9	0.97	ug/Kg	☼		03/03/15 15:02	1
Vinyl chloride	<5.9		5.9	1.2	ug/Kg	☼		03/03/15 15:02	1
Xylenes, Total	<12		12	0.53	ug/Kg	☼		03/03/15 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*		*03/03/15 15:02*	*1*
Dibromofluoromethane	*81*		*75 - 120*		*03/03/15 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*76*		*70 - 134*		*03/03/15 15:02*	*1*
Toluene-d8 (Surr)	*101*		*75 - 122*		*03/03/15 15:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<190		190	40	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
1,2-Dichlorobenzene	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
1,3-Dichlorobenzene	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
1,4-Dichlorobenzene	<190		190	47	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,2'-oxybis[1-chloropropane]	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(6-13)-022515
Date Collected: 02/25/15 13:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-20
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	<370		370	84	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,4,6-Trichlorophenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,4-Dichlorophenol	<370		370	88	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,4-Dimethylphenol	<370		370	140	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,4-Dinitrophenol	<750		750	650	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,4-Dinitrotoluene	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2,6-Dinitrotoluene	<190		190	73	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Chloronaphthalene	<190		190	41	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Chlorophenol	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Methylnaphthalene	<37		37	6.8	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Methylphenol	<190		190	59	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Nitroaniline	<190		190	50	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
2-Nitrophenol	<370		370	87	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
3 & 4 Methylphenol	<190		190	62	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
3,3'-Dichlorobenzidine	<190		190	52	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
3-Nitroaniline	<370		370	110	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4,6-Dinitro-2-methylphenol	<370		370	300	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Bromophenyl phenyl ether	<190		190	49	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Chloro-3-methylphenol	<370		370	130	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Chloroaniline	<750		750	170	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Chlorophenyl phenyl ether	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Nitroaniline	<370		370	150	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
4-Nitrophenol	<750		750	350	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Acenaphthene	<37		37	6.6	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Acenaphthylene	<37		37	4.9	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Anthracene	<37		37	6.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Benzo[a]anthracene	<37		37	5.0	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Benzo[a]pyrene	<37		37	7.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Benzo[b]fluoranthene	<37		37	8.0	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Benzo[g,h,i]perylene	<37		37	12	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Benzo[k]fluoranthene	<37		37	11	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Bis(2-chloroethoxy)methane	<190		190	38	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Bis(2-chloroethyl)ether	<190		190	55	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Bis(2-ethylhexyl) phthalate	<190		190	68	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Butyl benzyl phthalate	<190		190	70	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Carbazole	<190		190	95	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Chrysene	<37		37	10	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Dibenz(a,h)anthracene	<37		37	7.1	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Dibenzofuran	<190		190	43	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Diethyl phthalate	<190		190	63	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Dimethyl phthalate	<190		190	48	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Di-n-butyl phthalate	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Di-n-octyl phthalate	<190		190	60	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Fluoranthene	<37		37	6.9	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Fluorene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Hexachlorobenzene	<75		75	8.6	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Hexachlorobutadiene	<190		190	58	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Hexachlorocyclopentadiene	<750		750	210	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Hexachloroethane	<190		190	56	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

Client Sample ID: WC-1(6-13)-022515
Date Collected: 02/25/15 13:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-20
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	<37		37	9.6	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Isophorone	<190		190	42	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Naphthalene	<37		37	5.7	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Nitrobenzene	<37		37	9.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
N-Nitrosodi-n-propylamine	<190		190	45	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
N-Nitrosodiphenylamine	<190		190	44	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Pentachlorophenol	<750		750	590	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Phenanthrene	<37		37	5.2	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Phenol	<190		190	82	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1
Pyrene	<37		37	7.3	ug/Kg	☼	02/27/15 07:14	03/08/15 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*54*		*35 - 137*	*02/27/15 07:14*	*03/08/15 22:21*	*1*
2-Fluorobiphenyl	*40*		*25 - 119*	*02/27/15 07:14*	*03/08/15 22:21*	*1*
2-Fluorophenol	*47*		*25 - 110*	*02/27/15 07:14*	*03/08/15 22:21*	*1*
Nitrobenzene-d5	*45*		*25 - 115*	*02/27/15 07:14*	*03/08/15 22:21*	*1*
Phenol-d5	*37*		*31 - 110*	*02/27/15 07:14*	*03/08/15 22:21*	*1*
Terphenyl-d14	*74*		*36 - 134*	*02/27/15 07:14*	*03/08/15 22:21*	*1*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.011**	**J**	0.050	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Barium	**0.22**	**J**	0.50	0.050	mg/L		03/05/15 08:20	03/05/15 17:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/05/15 08:20	03/05/15 17:44	1
Cadmium	**0.0024**	**J**	0.0050	0.0020	mg/L		03/05/15 08:20	03/05/15 17:44	1
Chromium	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Cobalt	**0.061**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Copper	**0.025**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Iron	**0.26**		0.20	0.20	mg/L		03/05/15 08:20	03/05/15 17:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/05/15 08:20	03/05/15 17:44	1
Manganese	**4.1**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Nickel	**0.054**		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Selenium	<0.050		0.050	0.020	mg/L		03/05/15 08:20	03/05/15 17:44	1
Silver	<0.025		0.025	0.010	mg/L		03/05/15 08:20	03/05/15 17:44	1
Zinc	**0.035**	**J**	0.10	0.020	mg/L		03/05/15 08:20	03/05/15 17:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.086**		0.050	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Barium	**0.32**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/03/15 04:34	1
Beryllium	**0.0059**		0.0040	0.0040	mg/L		03/01/15 15:00	03/03/15 04:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/03/15 04:34	1
Chromium	**0.14**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Cobalt	**0.047**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Copper	**0.21**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Iron	**160**		0.20	0.20	mg/L		03/01/15 15:00	03/03/15 04:34	1
Lead	**0.078**		0.038	0.038	mg/L		03/01/15 15:00	03/04/15 00:03	5
Manganese	**0.58**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Nickel	**0.19**		0.025	0.010	mg/L		03/01/15 15:00	03/03/15 04:34	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/03/15 04:34	1

Client Sample ID: WC-1(6-13)-022515
Date Collected: 02/25/15 13:00
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92607-20
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	03/03/15 04:34	1
Zinc	**0.45**		0.10	0.020	mg/L		03/01/15 15:00	03/03/15 04:34	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	☼	02/26/15 16:06	02/28/15 07:03	1
Arsenic	**7.3**		0.54	0.25	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Barium	**30**		0.54	0.099	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Beryllium	**0.54**		0.22	0.047	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Cadmium	**0.22**		0.11	0.031	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Calcium	**91000**		110	35	mg/Kg	☼	02/26/15 16:06	02/28/15 19:03	10
Chromium	**15**		0.54	0.093	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Cobalt	**6.3**		0.27	0.061	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Copper	**19**		0.54	0.12	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Iron	**17000**		11	4.2	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Lead	**9.9**		0.27	0.14	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Magnesium	**41000**		5.4	2.2	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Manganese	**280**		0.54	0.11	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Nickel	**19**		0.54	0.15	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Potassium	**3200**		27	4.4	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Selenium	<0.54		0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Silver	<0.27		0.27	0.064	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Sodium	**450**		54	7.2	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Thallium	**0.41**	**J**	0.54	0.27	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Vanadium	**17**		0.27	0.079	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	1
Zinc	**40**	**B**	1.1	0.34	mg/Kg	☼	02/26/15 16:06	02/28/15 07:03	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		03/05/15 12:30	03/05/15 19:09	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		03/04/15 11:55	03/05/15 13:06	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	**17**		17	5.9	ug/Kg	☼	02/26/15 15:30	02/27/15 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.70**		0.200	0.200	SU			02/27/15 12:17	1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery exceeds the control 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
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 - South Barrington - WO 009

TestAmerica Job ID: 500-92607-1

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 ENVIRONMENTAL

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

500-92607 COC

Chain of Custody Record

Report To (optional)
Contact: S. Babusukumar
Company: Weston Solutions, Inc.
Address: 300 Plaza Circle # 202
Address: Mundelein, IL 60060
Phone: 224-864-7250
Fax:
E-Mail: Babu. Babusukumar@westonsolutions.com

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

Lab Job #: 500-92607
Chain of Custody Number:
Page 1 of 3
Temperature °C of Cooler: 2.7, 3.2, 3.5

Client: Weston Solutions, Inc.
Client Project #: 009
Project Name: IDOT-South Barrington WO 009
Project Location/State: South Barrington, IL
Lab Project #: 50010640
Sampler: Seng
Lab PM: Wright

Lab ID	MS/MSD	Sample ID	Sampling Date	Sampling Time	# of Containers	Matrix	VOCs (Pres. 7)	SVOCs (Pres. 7)	metals (Pres. 7)	TCLP/SPLP metals (Pres. 7)	pH (Pres. 7)					Comments
1		WW-1(0-7)-022515	2-25-15	8:15	2	SO	X	X	X	X	X					
2		WW-1(0-7)-022515 D	↓	8:15	↓	↓	↓	↓	↓	↓	↓					
3		WW-2(0-7)-022515	↓	8:35	↓	↓	↓	↓	↓	↓	↓					
4		WW-3(0-7)-022515	↓	8:50	↓	↓	↓	↓	↓	↓	↓					
5		WW-4(0-7)-022515	↓	9:10	↓	↓	↓	↓	↓	↓	↓					
6		WW-5(0-7)-022515	↓	9:30	↓	↓	↓	↓	↓	↓	↓					
7		WW-6(0-7)-022515	↓	9:45	↓	↓	↓	↓	↓	↓	↓					
8		WW-7(0-7)-022515	↓	10:00	↓	↓	↓	↓	↓	↓	↓					
9		WW-8(0-6)-022515	↓	10:15	↓	↓	↓	↓	↓	↓	↓					
10		WW-8(6-13)-022515	2-25-15	10:20	2	SO	X	X	X	X	X					

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

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Stnd 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
David [signature]	Weston	2-25-15	15:50	P. Neal	TA	2/25/15	15:50
P. Neal	TA	2/25/15	17:37	[signature]	TA-CHI	2/26/15	09:15

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)

3/9/2015

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

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

Chain of Custody Record

Lab Job #: 500-92607

Chain of Custody Number:

Page 2 of 3

Temperature °C of Cooler:

Report To (optional)		Bill To (optional)	
Contact:	Weston Solutions, Inc.	Contact:	SAME
Company:	Baba Babasukumar	Company:	
Address:	300 Plaza Circle #202	Address:	
Address:	Mundelein, IL 60060	Address:	
Phone:	224-864-7250	Phone:	
Fax:		Fax:	
E-Mail:	Baba.Babasukumar@westonsolutions.com	PO#/Reference#	

Client: Weston Solutions, Inc. Client Project #: 009

Project Name: South Barrington, IL

Project Location/State: IDOT - South Barrington WO #009 Lab Project #: 50010640

Sampler: Sena Lab PM: 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	metals	TCLP/SPLP Metals	pH					
11		WW-9(0-7) - 022515	2-25-15	10:40	2	SO		X	X	X	X	X					
12		WW-9(0-7) - 022515D		10:40													
13		WW-10(0-7) - 022515		10:50													
14		CF-1(0-7) - 022515		11:05													
15		CF-2(0-6) - 022515		11:25													
16		CF-2(6-13) - 022515		11:30													
17		RV-1(0-6) - 022515		12:30													
18		RV-1(6-13) - 022515		12:35													
19		WC-1(0-6) - 022515		12:55													
20		WC-1(6-13) - 022515	2-25-15	13:00	2	SO		X	X	X	X	X					

Turnaround Time Required (Business Days)

___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Std 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	David Sena	Weston	2-25-15	15:50		TA	2/25/15	1550
2		TA	2/25/15	1730		TA-CHI	2/26/15	0715
3								

Lab Courier: TA

Shipped:

Hand Delivered:

Matrix Key

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

Client Comments:

Lab Comments:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 500-92608-1
Client Project/Site: IDOT - South Barrington - WO 009

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

Attn: Mr. S. Babusukumar

Authorized for release by:
3/6/2015 8:52:16 AM

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

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

Client Sample ID: WC-2(0-7)-022515
Date Collected: 02/25/15 13:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-1
Matrix: Solid
Percent Solids: 82.1

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**130**		6.1	2.6	ug/Kg	☼		02/27/15 21:03	1
Benzene	<6.1		6.1	0.83	ug/Kg	☼		02/27/15 21:03	1
Bromodichloromethane	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 21:03	1
Bromoform	<6.1		6.1	1.4	ug/Kg	☼		02/27/15 21:03	1
Bromomethane	<6.1		6.1	1.8	ug/Kg	☼		02/27/15 21:03	1
Carbon disulfide	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 21:03	1
Carbon tetrachloride	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 21:03	1
Chlorobenzene	<6.1		6.1	0.62	ug/Kg	☼		02/27/15 21:03	1
Chloroethane	<6.1		6.1	1.7	ug/Kg	☼		02/27/15 21:03	1
Chloroform	<6.1		6.1	0.70	ug/Kg	☼		02/27/15 21:03	1
Chloromethane	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 21:03	1
cis-1,2-Dichloroethene	<6.1		6.1	0.86	ug/Kg	☼		02/27/15 21:03	1
cis-1,3-Dichloropropene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 21:03	1
Dibromochloromethane	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 21:03	1
1,1-Dichloroethane	<6.1		6.1	0.96	ug/Kg	☼		02/27/15 21:03	1
1,2-Dichloroethane	<6.1		6.1	0.90	ug/Kg	☼		02/27/15 21:03	1
1,1-Dichloroethene	<6.1		6.1	0.98	ug/Kg	☼		02/27/15 21:03	1
1,2-Dichloropropane	<6.1		6.1	0.92	ug/Kg	☼		02/27/15 21:03	1
1,3-Dichloropropene, Total	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 21:03	1
Ethylbenzene	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 21:03	1
2-Hexanone	<6.1		6.1	1.8	ug/Kg	☼		02/27/15 21:03	1
Methylene Chloride	<6.1		6.1	1.6	ug/Kg	☼		02/27/15 21:03	1
Methyl Ethyl Ketone	**28**		6.1	2.2	ug/Kg	☼		02/27/15 21:03	1
methyl isobutyl ketone	<6.1		6.1	1.6	ug/Kg	☼		02/27/15 21:03	1
Methyl tert-butyl ether	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 21:03	1
Styrene	<6.1		6.1	0.80	ug/Kg	☼		02/27/15 21:03	1
1,1,2,2-Tetrachloroethane	<6.1		6.1	1.2	ug/Kg	☼		02/27/15 21:03	1
Tetrachloroethene	<6.1		6.1	0.93	ug/Kg	☼		02/27/15 21:03	1
Toluene	<6.1		6.1	0.85	ug/Kg	☼		02/27/15 21:03	1
trans-1,2-Dichloroethene	<6.1		6.1	0.84	ug/Kg	☼		02/27/15 21:03	1
trans-1,3-Dichloropropene	<6.1		6.1	1.1	ug/Kg	☼		02/27/15 21:03	1
1,1,1-Trichloroethane	<6.1		6.1	0.91	ug/Kg	☼		02/27/15 21:03	1
1,1,2-Trichloroethane	<6.1		6.1	0.83	ug/Kg	☼		02/27/15 21:03	1
Trichloroethene	<6.1		6.1	1.0	ug/Kg	☼		02/27/15 21:03	1
Vinyl chloride	<6.1		6.1	1.3	ug/Kg	☼		02/27/15 21:03	1
Xylenes, Total	<12		12	0.55	ug/Kg	☼		02/27/15 21:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 122*		*02/27/15 21:03*	*1*
Dibromofluoromethane	*89*		*75 - 120*		*02/27/15 21:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*114*		*70 - 134*		*02/27/15 21:03*	*1*
Toluene-d8 (Surr)	*103*		*75 - 122*		*02/27/15 21:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<1000		1000	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
1,2-Dichlorobenzene	<1000		1000	240	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
1,3-Dichlorobenzene	<1000		1000	220	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
1,4-Dichlorobenzene	<1000		1000	250	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,2'-oxybis[1-chloropropane]	<1000		1000	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

Client Sample ID: WC-2(0-7)-022515
Date Collected: 02/25/15 13:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-1
Matrix: Solid
Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<2000		2000	450	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,4,6-Trichlorophenol	<2000		2000	680	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,4-Dichlorophenol	<2000		2000	470	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,4-Dimethylphenol	<2000		2000	750	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,4-Dinitrophenol	<4000	*	4000	3500	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,4-Dinitrotoluene	<1000		1000	320	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2,6-Dinitrotoluene	<1000		1000	390	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Chloronaphthalene	<1000		1000	220	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Chlorophenol	<1000		1000	340	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Methylnaphthalene	<200		200	36	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Methylphenol	<1000		1000	320	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Nitroaniline	<1000		1000	270	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
2-Nitrophenol	<2000		2000	470	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
3 & 4 Methylphenol	<1000		1000	330	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
3,3'-Dichlorobenzidine	<1000		1000	280	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
3-Nitroaniline	<2000		2000	610	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4,6-Dinitro-2-methylphenol	<2000	*	2000	1600	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Bromophenyl phenyl ether	<1000		1000	260	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Chloro-3-methylphenol	<2000		2000	670	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Chloroaniline	<4000		4000	930	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Chlorophenyl phenyl ether	<1000		1000	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Nitroaniline	<2000		2000	830	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
4-Nitrophenol	<4000		4000	1900	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Acenaphthene	<200		200	36	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Acenaphthylene	<200		200	26	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Anthracene	<200		200	33	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Benzo[a]anthracene	<200		200	27	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Benzo[a]pyrene	<200		200	38	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Benzo[b]fluoranthene	<200		200	43	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Benzo[g,h,i]perylene	<200		200	64	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Benzo[k]fluoranthene	<200		200	58	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Bis(2-chloroethoxy)methane	<1000		1000	200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Bis(2-chloroethyl)ether	<1000		1000	300	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Bis(2-ethylhexyl) phthalate	<1000		1000	360	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Butyl benzyl phthalate	<1000		1000	380	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Carbazole	<1000		1000	510	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Chrysene	<200		200	54	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Dibenz(a,h)anthracene	<200		200	38	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Dibenzofuran	<1000		1000	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Diethyl phthalate	<1000		1000	340	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Dimethyl phthalate	<1000		1000	260	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Di-n-butyl phthalate	<1000		1000	300	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Di-n-octyl phthalate	<1000		1000	320	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Fluoranthene	<200		200	37	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Fluorene	<200		200	28	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Hexachlorobenzene	<400		400	46	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Hexachlorobutadiene	<1000		1000	310	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Hexachlorocyclopentadiene	<4000		4000	1100	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Hexachloroethane	<1000		1000	300	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

Client Sample ID: WC-2(0-7)-022515
Date Collected: 02/25/15 13:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-1
Matrix: Solid
Percent Solids: 82.1

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	<200		200	51	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Isophorone	<1000		1000	220	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Naphthalene	<200		200	31	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Nitrobenzene	<200		200	49	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
N-Nitrosodi-n-propylamine	<1000		1000	240	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
N-Nitrosodiphenylamine	<1000		1000	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Pentachlorophenol	<4000		4000	3200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Phenanthrene	<200		200	28	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Phenol	<1000		1000	440	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5
Pyrene	<200		200	39	ug/Kg	☼	02/27/15 17:52	03/03/15 16:03	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*21*	*X*	*35 - 137*	*02/27/15 17:52*	*03/03/15 16:03*	*5*
2-Fluorobiphenyl	*46*		*25 - 119*	*02/27/15 17:52*	*03/03/15 16:03*	*5*
2-Fluorophenol	*29*		*25 - 110*	*02/27/15 17:52*	*03/03/15 16:03*	*5*
Nitrobenzene-d5	*39*		*25 - 115*	*02/27/15 17:52*	*03/03/15 16:03*	*5*
Phenol-d5	*34*		*31 - 110*	*02/27/15 17:52*	*03/03/15 16:03*	*5*
Terphenyl-d14	*65*		*36 - 134*	*02/27/15 17:52*	*03/03/15 16:03*	*5*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.011**	**J**	0.050	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Barium	**0.39**	**J**	0.50	0.050	mg/L		03/04/15 15:00	03/05/15 14:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/04/15 15:00	03/05/15 14:33	1
Cadmium	**0.0022**	**J**	0.0050	0.0020	mg/L		03/04/15 15:00	03/05/15 14:33	1
Chromium	<0.025		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Cobalt	**0.034**		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Copper	**0.027**		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Iron	<0.20		0.20	0.20	mg/L		03/04/15 15:00	03/05/15 14:33	1
Lead	**0.0093**		0.0075	0.0075	mg/L		03/04/15 15:00	03/05/15 14:33	1
Manganese	**8.0**		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Nickel	**0.024**	**J**	0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Selenium	<0.050		0.050	0.020	mg/L		03/04/15 15:00	03/05/15 14:33	1
Silver	<0.025		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:33	1
Zinc	**0.058**	**J**	0.10	0.020	mg/L		03/04/15 15:00	03/05/15 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.081**		0.050	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Barium	**0.65**		0.50	0.050	mg/L		03/01/15 15:00	03/02/15 14:56	1
Beryllium	**0.0077**		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 14:56	1
Cadmium	**0.0022**	**J**	0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 14:56	1
Chromium	**0.18**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Cobalt	**0.074**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Copper	**0.26**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Iron	**210**		0.20	0.20	mg/L		03/01/15 15:00	03/02/15 14:56	1
Lead	**0.35**		0.038	0.038	mg/L		03/01/15 15:00	03/02/15 18:34	5
Manganese	**1.2**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Nickel	**0.24**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 14:56	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 14:56	1

Client Sample ID: WC-2(0-7)-022515
Date Collected: 02/25/15 13:25
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-1
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 14:56	1
Zinc	**0.64**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 14:56	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	☼	02/26/15 08:50	02/26/15 23:45	1
Arsenic	**8.1**		0.57	0.26	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Barium	**68**		0.57	0.10	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Beryllium	**0.70**		0.23	0.049	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Cadmium	**0.21**		0.11	0.033	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Calcium	**24000**		11	3.6	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Chromium	**19**		0.57	0.097	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Cobalt	**13**		0.28	0.064	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Copper	**25**		0.57	0.12	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Iron	**19000**		11	4.4	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Lead	**90**		0.28	0.14	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Magnesium	**15000**		5.7	2.3	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Manganese	**470**		0.57	0.11	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Nickel	**28**		0.57	0.15	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Potassium	**1900**		28	4.6	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Selenium	**0.34**	**J**	0.57	0.28	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Silver	<0.28		0.28	0.066	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Sodium	**1400**		57	7.5	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Thallium	<0.57		0.57	0.28	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Vanadium	**23**		0.28	0.083	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	1
Zinc	**110**		1.1	0.36	mg/Kg	☼	02/26/15 08:50	02/26/15 23:45	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		03/04/15 11:55	03/05/15 10:00	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		03/04/15 11:55	03/05/15 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**26**		20	7.0	ug/Kg	☼	02/27/15 14:30	03/02/15 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.96**		0.200	0.200	SU			02/26/15 12:46	1

Client Sample ID: WC-3(0-7)-022515
Date Collected: 02/25/15 13:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-2
Matrix: Solid
Percent Solids: 88.0

Method: 8260B - VOC

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<5.7		5.7	2.5	ug/Kg	☼		02/27/15 21:28	1
Benzene	<5.7		5.7	0.78	ug/Kg	☼		02/27/15 21:28	1
Bromodichloromethane	<5.7		5.7	0.98	ug/Kg	☼		02/27/15 21:28	1
Bromoform	<5.7		5.7	1.3	ug/Kg	☼		02/27/15 21:28	1
Bromomethane	<5.7		5.7	1.7	ug/Kg	☼		02/27/15 21:28	1
Carbon disulfide	<5.7		5.7	0.85	ug/Kg	☼		02/27/15 21:28	1
Carbon tetrachloride	<5.7		5.7	1.0	ug/Kg	☼		02/27/15 21:28	1
Chlorobenzene	<5.7		5.7	0.58	ug/Kg	☼		02/27/15 21:28	1
Chloroethane	<5.7		5.7	1.5	ug/Kg	☼		02/27/15 21:28	1
Chloroform	<5.7		5.7	0.65	ug/Kg	☼		02/27/15 21:28	1
Chloromethane	<5.7		5.7	1.2	ug/Kg	☼		02/27/15 21:28	1
cis-1,2-Dichloroethene	<5.7		5.7	0.80	ug/Kg	☼		02/27/15 21:28	1
cis-1,3-Dichloropropene	<5.7		5.7	0.75	ug/Kg	☼		02/27/15 21:28	1
Dibromochloromethane	<5.7		5.7	0.99	ug/Kg	☼		02/27/15 21:28	1
1,1-Dichloroethane	<5.7		5.7	0.90	ug/Kg	☼		02/27/15 21:28	1
1,2-Dichloroethane	<5.7		5.7	0.84	ug/Kg	☼		02/27/15 21:28	1
1,1-Dichloroethene	<5.7		5.7	0.92	ug/Kg	☼		02/27/15 21:28	1
1,2-Dichloropropane	<5.7		5.7	0.86	ug/Kg	☼		02/27/15 21:28	1
1,3-Dichloropropene, Total	<5.7		5.7	0.75	ug/Kg	☼		02/27/15 21:28	1
Ethylbenzene	<5.7		5.7	1.1	ug/Kg	☼		02/27/15 21:28	1
2-Hexanone	<5.7		5.7	1.6	ug/Kg	☼		02/27/15 21:28	1
Methylene Chloride	<5.7		5.7	1.5	ug/Kg	☼		02/27/15 21:28	1
Methyl Ethyl Ketone	<5.7		5.7	2.1	ug/Kg	☼		02/27/15 21:28	1
methyl isobutyl ketone	<5.7		5.7	1.5	ug/Kg	☼		02/27/15 21:28	1
Methyl tert-butyl ether	<5.7		5.7	0.94	ug/Kg	☼		02/27/15 21:28	1
Styrene	<5.7		5.7	0.75	ug/Kg	☼		02/27/15 21:28	1
1,1,2,2-Tetrachloroethane	<5.7		5.7	1.1	ug/Kg	☼		02/27/15 21:28	1
Tetrachloroethene	<5.7		5.7	0.87	ug/Kg	☼		02/27/15 21:28	1
Toluene	<5.7		5.7	0.80	ug/Kg	☼		02/27/15 21:28	1
trans-1,2-Dichloroethene	<5.7		5.7	0.78	ug/Kg	☼		02/27/15 21:28	1
trans-1,3-Dichloropropene	<5.7		5.7	1.0	ug/Kg	☼		02/27/15 21:28	1
1,1,1-Trichloroethane	<5.7		5.7	0.85	ug/Kg	☼		02/27/15 21:28	1
1,1,2-Trichloroethane	<5.7		5.7	0.77	ug/Kg	☼		02/27/15 21:28	1
Trichloroethene	<5.7		5.7	0.94	ug/Kg	☼		02/27/15 21:28	1
Vinyl chloride	<5.7		5.7	1.2	ug/Kg	☼		02/27/15 21:28	1
Xylenes, Total	<11		11	0.51	ug/Kg	☼		02/27/15 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 122*		*02/27/15 21:28*	*1*
Dibromofluoromethane	*92*		*75 - 120*		*02/27/15 21:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*113*		*70 - 134*		*02/27/15 21:28*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*		*02/27/15 21:28*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<900		900	190	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
1,2-Dichlorobenzene	<900		900	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
1,3-Dichlorobenzene	<900		900	200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
1,4-Dichlorobenzene	<900		900	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,2'-oxybis[1-chloropropane]	<900		900	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

Client Sample ID: WC-3(0-7)-022515
Date Collected: 02/25/15 13:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-2
Matrix: Solid
Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<1800		1800	410	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,4,6-Trichlorophenol	<1800		1800	620	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,4-Dichlorophenol	<1800		1800	430	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,4-Dimethylphenol	<1800		1800	680	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,4-Dinitrophenol	<3600	*	3600	3200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,4-Dinitrotoluene	<900		900	290	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2,6-Dinitrotoluene	<900		900	350	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Chloronaphthalene	<900		900	200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Chlorophenol	<900		900	310	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Methylnaphthalene	<180		180	33	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Methylphenol	<900		900	290	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Nitroaniline	<900		900	240	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
2-Nitrophenol	<1800		1800	420	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
3 & 4 Methylphenol	<900		900	300	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
3,3'-Dichlorobenzidine	<900		900	250	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
3-Nitroaniline	<1800		1800	560	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4,6-Dinitro-2-methylphenol	<1800	*	1800	1400	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Bromophenyl phenyl ether	<900		900	240	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Chloro-3-methylphenol	<1800		1800	610	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Chloroaniline	<3600		3600	840	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Chlorophenyl phenyl ether	<900		900	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Nitroaniline	<1800		1800	750	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
4-Nitrophenol	<3600		3600	1700	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Acenaphthene	<180		180	32	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Acenaphthylene	<180		180	24	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Anthracene	<180		180	30	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Benzo[a]anthracene	<180		180	24	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Benzo[a]pyrene	<180		180	35	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Benzo[b]fluoranthene	<180		180	39	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Benzo[g,h,i]perylene	<180		180	58	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Benzo[k]fluoranthene	<180		180	53	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Bis(2-chloroethoxy)methane	<900		900	180	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Bis(2-chloroethyl)ether	<900		900	270	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Bis(2-ethylhexyl) phthalate	<900		900	330	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Butyl benzyl phthalate	<900		900	340	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Carbazole	<900		900	460	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Chrysene	<180		180	49	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Dibenz(a,h)anthracene	<180		180	35	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Dibenzofuran	<900		900	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Diethyl phthalate	<900		900	300	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Dimethyl phthalate	<900		900	230	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Di-n-butyl phthalate	<900		900	270	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Di-n-octyl phthalate	<900		900	290	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Fluoranthene	<180		180	33	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Fluorene	<180		180	25	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Hexachlorobenzene	<360		360	42	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Hexachlorobutadiene	<900		900	280	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Hexachlorocyclopentadiene	<3600		3600	1000	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Hexachloroethane	<900		900	270	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5

Client: Weston Solutions, Inc.
Project/Site: IDOT - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

Client Sample ID: WC-3(0-7)-022515
Date Collected: 02/25/15 13:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-2
Matrix: Solid
Percent Solids: 88.0

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	<180		180	46	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Isophorone	<900		900	200	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Naphthalene	<180		180	28	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Nitrobenzene	<180		180	45	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
N-Nitrosodi-n-propylamine	<900		900	220	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
N-Nitrosodiphenylamine	<900		900	210	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Pentachlorophenol	<3600		3600	2900	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Phenanthrene	<180		180	25	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Phenol	<900		900	400	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5
Pyrene	<180		180	36	ug/Kg	☼	02/27/15 17:52	03/03/15 16:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*30*	*X*	*35 - 137*	*02/27/15 17:52*	*03/03/15 16:27*	*5*
2-Fluorobiphenyl	*61*		*25 - 119*	*02/27/15 17:52*	*03/03/15 16:27*	*5*
2-Fluorophenol	*40*		*25 - 110*	*02/27/15 17:52*	*03/03/15 16:27*	*5*
Nitrobenzene-d5	*46*		*25 - 115*	*02/27/15 17:52*	*03/03/15 16:27*	*5*
Phenol-d5	*48*		*31 - 110*	*02/27/15 17:52*	*03/03/15 16:27*	*5*
Terphenyl-d14	*73*		*36 - 134*	*02/27/15 17:52*	*03/03/15 16:27*	*5*

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.013**	**J**	0.050	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Barium	**0.33**	**J**	0.50	0.050	mg/L		03/04/15 15:00	03/05/15 14:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/04/15 15:00	03/05/15 14:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/04/15 15:00	03/05/15 14:38	1
Chromium	<0.025		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Cobalt	<0.025		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Copper	**0.030**		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Iron	<0.20		0.20	0.20	mg/L		03/04/15 15:00	03/05/15 14:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/04/15 15:00	03/05/15 14:38	1
Manganese	**1.2**		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Nickel	**0.012**	**J**	0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Selenium	<0.050		0.050	0.020	mg/L		03/04/15 15:00	03/05/15 14:38	1
Silver	<0.025		0.025	0.010	mg/L		03/04/15 15:00	03/05/15 14:38	1
Zinc	**0.040**	**J**	0.10	0.020	mg/L		03/04/15 15:00	03/05/15 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.016**	**J**	0.050	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Barium	**0.20**	**J**	0.50	0.050	mg/L		03/01/15 15:00	03/02/15 15:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/01/15 15:00	03/02/15 15:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/01/15 15:00	03/02/15 15:01	1
Chromium	**0.058**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Cobalt	**0.019**	**J**	0.025	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Copper	**0.087**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Iron	**59**		0.20	0.20	mg/L		03/01/15 15:00	03/02/15 15:01	1
Lead	**0.070**		0.0075	0.0075	mg/L		03/01/15 15:00	03/02/15 15:01	1
Manganese	**0.39**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Nickel	**0.065**		0.025	0.010	mg/L		03/01/15 15:00	03/02/15 15:01	1
Selenium	<0.050		0.050	0.020	mg/L		03/01/15 15:00	03/02/15 15:01	1

Client Sample ID: WC-3(0-7)-022515
Date Collected: 02/25/15 13:40
Date Received: 02/26/15 07:15

Lab Sample ID: 500-92608-2
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		03/01/15 15:00	03/02/15 15:01	1
Zinc	**0.21**		0.10	0.020	mg/L		03/01/15 15:00	03/02/15 15:01	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.1		1.1	0.22	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Arsenic	**5.3**		0.53	0.25	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Barium	**34**		0.53	0.098	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Beryllium	**0.40**		0.21	0.046	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Cadmium	**0.083**	**J**	0.11	0.031	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Calcium	**100000**		110	34	mg/Kg	☼	02/26/15 08:50	02/27/15 13:34	10
Chromium	**11**		0.53	0.092	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Cobalt	**7.5**		0.27	0.060	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Copper	**15**		0.53	0.12	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Iron	**11000**		11	4.1	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Lead	**12**		0.27	0.13	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Magnesium	**46000**		5.3	2.2	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Manganese	**370**		0.53	0.11	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Nickel	**17**		0.53	0.14	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Potassium	**1300**		27	4.4	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Selenium	<0.53		0.53	0.26	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Silver	<0.27		0.27	0.062	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Sodium	**560**		53	7.0	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Thallium	<0.53		0.53	0.26	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Vanadium	**15**		0.27	0.078	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	1
Zinc	**89**		1.1	0.34	mg/Kg	☼	02/26/15 08:50	02/26/15 23:50	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		03/04/15 11:55	03/05/15 10:02	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		03/04/15 11:55	03/05/15 10:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<17		17	6.0	ug/Kg	☼	02/27/15 14:30	03/02/15 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**8.35**		0.200	0.200	SU			02/26/15 12:51	1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
X	Surrogate is outside control limits
*	LCS or LCSD exceeds the control limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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 - South Barrington - WO 009

TestAmerica Job ID: 500-92608-1

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 ENVIRONMENTAL

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

500-92608 COC

Chain of Custody Record

Lab Job #: 500-92608

Chain of Custody Number:

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Temperature °C of Cooler: 2.7/3.2/3.5

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

Client	Client Project #
Weston Solutions, Inc.	009
Project Name: IDOT-South Barrington WO 009	
Project Location/State: South Barrington, IL	Lab Project #: 500106640
Sampler: Suraj	Lab PM: 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	metals	TCLP/SPLP metals	HAs	Comments
								7	7	7	7	7	
1		WC-2(0-7)-022515	2-25-15	13:25	2	SO		X	X	X	X	X	
2		WC-3(0-7)-022515	2-25-15	13:40	2	SO		X	X	X	X	X	
*		Last Item											*

Turnaround Time Required (Business Days)
___ 1 Day ___ 2 Days ___ 5 Days ___ 7 Days ___ 10 Days ___ 15 Days Stnd 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	David Dena	Weston	2-25-15	15150	[signature]	TA	2/25/15	1550
2	[signature]	TA	2/25/15	1737	[signature]	TA-CHT	2/26/15	0715
3								

Lab Courier: TA
Shipped:
Hand Delivered:

Matrix Key

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

Client Comments:

Lab Comments: