



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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: FAI 57 (I-57) at 175th Street Office Phone Number, if available: _____

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

ROW (ISGS SITE NO. 3693-7)

City: _____ State: IL Zip Code: _____

County: Cook Township: Bremen

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

Latitude: 41.57171 Longitude: - 87.74368
(Decimal Degrees) (-Decimal Degrees)

Identify how the lat/long data were determined:

GPS Map Interpolation Photo Interpolation Survey Other

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

Approximate Start Date (mm/dd/yyyy): TBD Approximate End Date (mm/dd/yyyy): TBD

Estimated Volume of debris (cu. Yd.): 1,224

II. Owner/Operator Information for Source Site

Site Owner

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@illinois.gov

Site Operator

Name: Illinois Department of Transportation

Street Address: 201 W. Center Court

PO Box: _____

City: Schaumburg State: IL

Zip Code: 60196 Phone: _____

Contact: Irma Romiti-Johnson

Email, if available: Irma.Romiti-Johnson@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.

Uncontaminated Soil 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 B7-2 THROUGH B7-14 WERE SAMPLED ADJACENT TO ISGS SITE No. 3693-7. SEE FIGURE 3-2 AND TABLE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT FOR SAMPLING DETAILS.

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

TESTAMERICA ANALYTICAL REPORT - JOB IDs: 500-210071-1.
ALSO SEE FIGURE 4-1 OF THE FINAL PRELIMINARY SITE INVESTIGATION REPORT.

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

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

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

Company Name: Weston Solutions, Inc.
Street Address: 300 Knightsbridge Parkway; Suite 360
City: Lincolnshire State: IL Zip Code: 60069
Phone: (224) 864-7200

Michael Castillo, P.G.
Printed Name:

Michael A. Castillo
Licensed Professional Engineer or
Licensed Professional Geologist Signature:

1/25/2022
Date:



Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-2	B7-3	B7-4	B7-5	B7-6	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-2(0-1.5)-122021	B7-3(0-2)-122021	B7-4(0-3)-122021	B7-5(0-3)-122021	B7-6(0-2)-122021	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
Laboratory pH	8.6	8.5	8.7	8.6	8.3	<6.25; >9.0
VOCs (mg/kg)						
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	1200
Trichloroethene	0.0015 J	ND	0.0014 J	0.0017 J	0.0014 J	12
SVOCs (mg/kg)						
bis(2-Ethylhexyl)phthalate	ND	0.12 J	0.12 J	0.13 J	0.13 J	46
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
3,3-Dichlorobenzidine	0.065 J	ND	ND	ND	ND	1.3
Acenaphthene	ND	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	0.011 J	0.016 J	ND	---
Anthracene	0.0078 J	0.018 J	0.017 J	0.046	0.019 J	12000
Benzo(a)anthracene	0.063	0.069	0.047	0.25	0.038 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.092	0.12 J	0.096	0.45 J	0.081	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.14	0.21 J	0.16	0.62 J	0.12	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.044	0.053 J	0.047	0.17 J	0.043	---
Benzo(k)fluoranthene	0.052	0.055 J	0.048	0.18 J	0.043	9
Chrysene	0.087	0.092	0.068	0.3	0.059	88
Dibenzo(a,h)anthracene	0.011 J	0.014 J	0.017 J	0.057 J	0.018 J	0.09 / 0.2 / 0.42
Fluoranthene	0.13	0.12	0.09	0.34	0.12	3100
Fluorene	ND	ND	ND	ND	0.0073 J	560
Indeno(1,2,3-cd)pyrene	0.04	0.06 J	0.055	0.2 J	0.044	0.9 / 0.9 / 1.6
Naphthalene	ND	ND	ND	ND	ND	1.8
Nitrobenzene	ND	ND	0.01 J	ND	ND	0.26
Phenanthrene	0.04	0.025 J	0.013 J	0.1	0.08	---
Pyrene	0.12	0.17	0.093	0.61	0.097	2300
Total Metals (mg/kg)						
Antimony, Total	0.77 J	0.73 J	0.69 J	0.88 J	0.66 J	5
Arsenic, Total	9.2	7.8	7.4	8.6	7.2	11.3 / 13
Barium, Total	75	70	58	80	59	1500
Beryllium, Total	0.99 J	0.85 J	0.88 J	0.98 J	0.91 J	22
Cadmium, Total	0.36 J	0.44 J	0.31 J	0.42 J	0.35 J	5.2
Calcium, Total	32000	49000	33000 B	24000	23000	---
Chromium, Total	19	19	17	21	18	21
Cobalt, Total	17	13	12	12	11	20
Copper, Total	27	28	23	24	21	2900
Iron, Total	21000 B	19000 B	18000 B	20000 B	18000 B	15000 / 15900
Lead, Total	29	33	21	47	23	107
Magnesium, Total	18000	24000	20000	14000	13000	325000
Manganese, Total	520 B	380 B	350 B	370 B	330 B	630 / 636
Mercury, Total	0.028	0.022	0.024	0.013 J	0.027	0.89
Nickel, Total	35	29	29	29	26	100
Potassium, Total	2600	2200	2200	2200	2000	---
Selenium, Total	0.7	0.4 J	0.41 J	0.6	0.47 J	1.3
Silver, Total	0.55	0.56	0.53	0.53	0.45	4.4
Sodium, Total	2000	1900	2200	470	170	---
Thallium, Total	ND	ND	ND	ND	ND	2.6
Vanadium, Total	23	22	21	25	22	550
Zinc, Total	75	72	58	190	72	5100

Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-2	B7-3	B7-4	B7-5	B7-6	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-2(0-1.5)-122021	B7-3(0-2)-122021	B7-4(0-3)-122021	B7-5(0-3)-122021	B7-6(0-2)-122021	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
TCLP Metals (mg/l)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.53	0.48 J	0.54	0.4 J	0.39 J	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.5	0.45	0.49	0.48	0.42	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.05 J	ND	0.36 J	0.074 J	0.082 J	5.0
SPLP Metals (mg/l)						
Arsenic, SPLP	0.15	0.14	0.14	0.054	0.06	0.05
Barium, SPLP	1.2	1.1	1.2	0.49 J	0.7	2.0
Beryllium, SPLP	0.015	0.013	0.014	0.0061	0.0094	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.35	0.36	0.37	0.16	0.2	0.1
Cobalt, SPLP	0.091	0.091	0.11	0.042	0.048	1.0
Copper, SPLP	0.38	0.37	0.37	0.15	0.23	0.65
Iron, SPLP	340 B	330 B	350 B	140 B	180	5.0
Lead, SPLP	0.21	0.22	0.19	0.12	0.25	0.0075
Manganese, SPLP	1.1	1.2	1.5	0.62	1.2	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.43	0.4	0.42	0.16	0.2	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	1	1	0.98	0.77	0.82	5.0

Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-7	B7-7	B7-8	B7-9	B7-10	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-7(0-1.5)-122021	B7-7(0-1.5)-122021D	B7-8(0-1.5)-122021	B7-9(0-2)-122021	B7-10(0-3)-122021	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
Laboratory pH	8.5	8.5	8.4	8.2	8.4	<6.25; >9.0
VOCs (mg/kg)						
1,1,1-Trichloroethane	ND	ND	ND	ND	0.001 J	1200
Trichloroethene	0.0024	0.0018	0.00086 J	ND	0.002	12
SVOCs (mg/kg)						
bis(2-Ethylhexyl)phthalate	0.13 J	0.13 J	ND	ND	ND	46
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	1.3
Acenaphthene	ND	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	ND	ND	ND	---
Anthracene	0.016 J	0.024 J	0.016 J	0.0079 J	ND	12000
Benzo(a)anthracene	0.032 J	0.071	0.086	0.034 J	0.027 J	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.068	0.14	0.13	0.052	0.041	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.095 J	0.19 J	0.2	0.085	0.069	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.045	0.064	0.055	0.028 J	0.022 J	---
Benzo(k)fluoranthene	0.029 J	0.069	0.078	0.028 J	0.026 J	9
Chrysene	0.045	0.1	0.13	0.047	0.044	88
Dibenzo(a,h)anthracene	0.013 J	0.025 J	0.014 J	ND	ND	0.09 / 0.2 / 0.42
Fluoranthene	0.086 J	0.17 J	0.27	0.091	0.072	3100
Fluorene	ND	0.0065 J	0.0062 J	ND	ND	560
Indeno(1,2,3-cd)pyrene	0.043	0.077	0.052	0.023 J	0.016 J	0.9 / 0.9 / 1.6
Naphthalene	ND	ND	ND	ND	ND	1.8
Nitrobenzene	ND	0.012 J	ND	ND	ND	0.26
Phenanthrene	0.03 J	0.089	0.13	0.04	0.023 J	---
Pyrene	0.055 J	0.16 J	0.22	0.078	0.064	2300
Total Metals (mg/kg)						
Antimony, Total	0.85 J	0.54 J	0.67 J	0.49 J	0.82 J	5
Arsenic, Total	9.6	7.1	7.1	7.3	8.4	11.3 / 13
Barium, Total	71	55	53	71	60	1500
Beryllium, Total	1 J	0.8 J	0.8 J	0.95 J	0.95 J	22
Cadmium, Total	0.36 J	0.35 J	0.3 J	0.33 J	0.41 J	5.2
Calcium, Total	20000	21000	23000	21000	32000	---
Chromium, Total	18	15	14	17	17	21
Cobalt, Total	12	7.9	9.6	11	14	20
Copper, Total	25	16	23	22	26	2900
Iron, Total	20000 B	16000 B	16000 B	18000 B	19000 B	15000 / 15900
Lead, Total	20	21	22	21	26	107
Magnesium, Total	12000	13000	12000	13000	17000	325000
Manganese, Total	390 J	230 J	300 B	320 B	360 B	630 / 636
Mercury, Total	0.027	0.027	0.022	0.034	0.031	0.89
Nickel, Total	30	18	23	26	33	100
Potassium, Total	2100	1600	1800	2000	2300	---
Selenium, Total	0.51 J	0.86	ND	0.57 J	0.5 J	1.3
Silver, Total	0.44	0.31	0.39	0.42	0.46	4.4
Sodium, Total	650	470	210	200	270	---
Thallium, Total	ND	ND	ND	ND	ND	2.6
Vanadium, Total	25	22	20	22	22	550
Zinc, Total	69	60	78	71	120	5100

Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-7	B7-7	B7-8	B7-9	B7-10	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-7(0-1.5)-122021	B7-7(0-1.5)-122021D	B7-8(0-1.5)-122021	B7-9(0-2)-122021	B7-10(0-3)-122021	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
TCLP Metals (mg/l)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.36 J	0.36 J	0.36 J	0.44 J	0.43 J	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.64	0.45	0.43	0.22	0.22	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	0.045 J	0.039 J	0.026 J	0.034 J	0.13 J	5.0
SPLP Metals (mg/l)						
Arsenic, SPLP	0.033 J	0.033 J	0.046 J	0.029 J	0.074	0.05
Barium, SPLP	0.33 J	0.43 J	0.52	0.48 J	0.59	2.0
Beryllium, SPLP	0.0048	0.0063	0.0077	0.0044	0.0062	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.1	0.13	0.17	0.1	0.18	0.1
Cobalt, SPLP	0.024 J	0.033	0.043	0.02 J	0.05	1.0
Copper, SPLP	0.11	0.11	0.14	0.087	0.2	0.65
Iron, SPLP	100	120	150	87	180 B	5.0
Lead, SPLP	0.084	0.15	0.1	0.081	0.14	0.0075
Manganese, SPLP	0.73	0.75	0.93	1.1	0.71	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.1	0.12	0.16	0.084	0.2	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.34 J	0.37 J	0.48 J	0.53	1.2	5.0

Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-11	B7-12	B7-13	B7-14	B7-14	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-11(0-3)-122021	B7-12(0-2)-122021	B7-13(0-1.5)-122021	B7-14(0-1.5)-122021	B7-14(0-1.5)-122021D	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
Laboratory pH	8.9	8.8	8.6	8.8	9	<6.25; >9.0
VOCs (mg/kg)						
1,1,1-Trichloroethane	0.0011 J	ND	ND	ND	ND	1200
Trichloroethene	0.0021 J	0.001 J	ND	ND	0.00065 J	12
SVOCs (mg/kg)						
bis(2-Ethylhexyl)phthalate	ND	ND	ND	ND	ND	46
2-Methylnaphthalene	ND	ND	ND	ND	ND	---
3,3-Dichlorobenzidine	ND	ND	ND	ND	ND	1.3
Acenaphthene	ND	ND	ND	ND	ND	570
Acenaphthylene	ND	ND	0.0072 J	0.0061 J	0.007 J	---
Anthracene	ND	0.0086 J	0.015 J	0.01 J	ND	12000
Benzo(a)anthracene	0.03 J	0.04	0.12	0.092	0.082	0.9 / 1.1 / 1.8
Benzo(a)pyrene	0.042	0.056	0.16	0.15 J	0.14 J	0.09 / 1.3 / 2.1
Benzo(b)fluoranthene	0.071	0.097	0.26	0.24 J	0.21 J	0.9 / 1.5 / 2.1
Benzo(g,h,i)perylene	0.02 J	0.03 J	0.059	0.062 J	0.054 J	---
Benzo(k)fluoranthene	0.026 J	0.031 J	0.092	0.09 J	0.074 J	9
Chrysene	0.038	0.058	0.15	0.13	0.1	88
Dibenzo(a,h)anthracene	ND	ND	0.014 J	0.015 J	0.013 J	0.09 / 0.2 / 0.42
Fluoranthene	0.061	0.083	0.26	0.25	0.12	3100
Fluorene	ND	ND	ND	ND	ND	560
Indeno(1,2,3-cd)pyrene	0.016 J	0.023 J	0.058	0.06 J	0.051 J	0.9 / 0.9 / 1.6
Naphthalene	ND	ND	ND	ND	ND	1.8
Nitrobenzene	ND	ND	ND	ND	ND	0.26
Phenanthrene	0.014 J	0.018 J	0.033 J	0.1	0.024 J	---
Pyrene	0.061	0.084	0.26	0.26	0.22	2300
Total Metals (mg/kg)						
Antimony, Total	0.63 J	0.68 J	0.57 J	0.6 J	0.64 J	5
Arsenic, Total	7.9	7.9	8	8.3	7.4	11.3 / 13
Barium, Total	65	64	74	67	64	1500
Beryllium, Total	0.97 J	0.94 J	0.89 J	0.92 J	1 J	22
Cadmium, Total	0.31 J	0.32 J	0.3 J	0.35 J	0.32 J	5.2
Calcium, Total	31000 B	46000	43000	32000 B	30000 B	---
Chromium, Total	18	18	17	18	19	21
Cobalt, Total	12	12	14	12	14	20
Copper, Total	25	24	26	24	25	2900
Iron, Total	20000 B	19000 B	20000 B	19000 B	20000 B	15000 / 15900
Lead, Total	19	18	17	35	21	107
Magnesium, Total	19000	21000	21000	23000	20000	325000
Manganese, Total	310 B	340 B	370 B	360 B	370 B	630 / 636
Mercury, Total	0.025	0.026	0.028	0.028	0.025	0.89
Nickel, Total	31	31	34	29	35	100
Potassium, Total	2400	2500	2200	2100	2500	---
Selenium, Total	0.61	ND	ND	0.51 J	0.5 J	1.3
Silver, Total	0.53	0.49	0.46	0.47	0.5	4.4
Sodium, Total	990	1300	1300	540	580	---
Thallium, Total	ND	ND	ND	ND	ND	2.6
Vanadium, Total	23	22	21	22	22	550
Zinc, Total	64	87	61	67	66	5100

Summary Table of ROW Property (ISGS Site No. 3693-7)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
Illinois Department of Transportation
FAI 57 (I-57) at 175th Street
Bremen Township, Cook County, Illinois

Location	B7-11	B7-12	B7-13	B7-14	B7-14	Soil Reference Concentrations ^A
Sample Date	12/20/2021	12/20/2021	12/20/2021	12/20/2021	12/20/2021	
Field Sample ID	B7-11(0-3)-122021	B7-12(0-2)-122021	B7-13(0-1.5)-122021	B7-14(0-1.5)-122021	B7-14(0-1.5)-122021D	
ISGS Site No.	3693-007	3693-007	3693-007	3693-007	3693-007	
TCLP Metals (mg/l)						
Arsenic, TCLP	ND	ND	ND	ND	ND	0.05
Barium, TCLP	0.53	0.45 J	0.54	0.43 J	0.42 J	2.0
Beryllium, TCLP	ND	ND	ND	ND	ND	0.004
Cadmium, TCLP	ND	ND	ND	ND	ND	0.005
Chromium, TCLP	ND	ND	ND	ND	ND	0.1
Cobalt, TCLP	ND	ND	ND	ND	ND	1.00
Copper, TCLP	ND	ND	ND	ND	ND	0.65
Iron, TCLP	ND	ND	ND	ND	ND	5.0
Lead, TCLP	ND	ND	ND	ND	ND	0.0075
Manganese, TCLP	0.44	0.41	0.36	0.35	0.35	0.15
Mercury, TCLP	ND	ND	ND	ND	ND	0.002
Nickel, TCLP	ND	ND	ND	ND	ND	0.1
Selenium, TCLP	ND	ND	ND	ND	ND	0.05
Silver, TCLP	ND	ND	ND	ND	ND	0.05
Zinc, TCLP	ND	0.023 J	ND	ND	ND	5.0
SPLP Metals (mg/l)						
Arsenic, SPLP	0.14	0.12	0.12	0.089	0.086	0.05
Barium, SPLP	1.1	1	0.94	0.73	0.6 J	2.0
Beryllium, SPLP	0.014	0.012	0.011	0.0096	0.0091	0.004
Cadmium, SPLP	ND	ND	ND	ND	ND	0.005
Chromium, SPLP	0.34	0.33	0.29	0.23	0.21	0.1
Cobalt, SPLP	0.092	0.085	0.078	0.063	0.058	1.0
Copper, SPLP	0.39	0.33	0.33	0.23	0.22	0.65
Iron, SPLP	330 B	300 B	280 B	230 B	220 B	5.0
Lead, SPLP	0.18	0.17	0.16	0.14	0.12	0.0075
Manganese, SPLP	1.1	1.1	1	0.77	0.7	0.15
Mercury, SPLP	ND	ND	ND	ND	ND	0.002
Nickel, SPLP	0.4	0.37	0.34	0.27	0.23	0.1
Selenium, SPLP	ND	ND	ND	ND	ND	0.05
Silver, SPLP	ND	ND	ND	ND	ND	0.05
Zinc, SPLP	0.89	1.4	0.81	0.62	0.54	5.0

Notes:

--- - not applicable or value not available.

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

B - Constituent detected in the laboratory blank and investigative samples.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

Eurofins North Central, Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

Laboratory Job ID: 500-210071-1
Client Project/Site: IDOT - Tinley Park - WO 073

For:
Weston Solutions, Inc.
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Attn: Mr. Andris Slesers



Authorized for release by:
1/4/2022 2:41:08 PM

Richard Wright, Senior Project Manager
(708)746-0045
Richard.Wright@Eurofinset.com

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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

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

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021

Lab Sample ID: 500-210071-1

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Trichloroethene	0.0024		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 12:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	12/20/21 15:32	12/27/21 12:03	1
Dibromofluoromethane (Surr)	117		75 - 126	12/20/21 15:32	12/27/21 12:03	1
1,2-Dichloroethane-d4 (Surr)	125		70 - 134	12/20/21 15:32	12/27/21 12:03	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 12:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021

Lab Sample ID: 500-210071-1

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 79.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.091	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,4,6-Trichlorophenol	<0.40	*	0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,4-Dichlorophenol	<0.40		0.40	0.095	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
2-Nitrophenol	<0.40		0.40	0.094	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
4-Nitrophenol	<0.80	*	0.80	0.38	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Anthracene	0.016	J	0.040	0.0067	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Benzo[a]anthracene	0.032	J	0.040	0.0054	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Benzo[a]pyrene	0.068		0.040	0.0077	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Benzo[b]fluoranthene	0.095		0.040	0.0086	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Benzo[g,h,i]perylene	0.045		0.040	0.013	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Benzo[k]fluoranthene	0.029	J	0.040	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Bis(2-ethylhexyl) phthalate	0.13	J	0.20	0.073	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Chrysene	0.045		0.040	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Dibenz(a,h)anthracene	0.013	J	0.040	0.0077	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Fluoranthene	0.086		0.040	0.0074	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Fluorene	<0.040		0.040	0.0056	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021

Lab Sample ID: 500-210071-1

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 79.5

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	0.043		0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Naphthalene	<0.040		0.040	0.0061	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Phenanthrene	0.030	J	0.040	0.0056	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Phenol	<0.20		0.20	0.089	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Pyrene	0.055		0.040	0.0079	mg/Kg	☼	12/22/21 20:14	12/27/21 11:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143				12/22/21 20:14	12/27/21 11:27	1
2-Fluorobiphenyl (Surr)	49		43 - 145				12/22/21 20:14	12/27/21 11:27	1
2-Fluorophenol (Surr)	78		31 - 166				12/22/21 20:14	12/27/21 11:27	1
Nitrobenzene-d5 (Surr)	32	S1-	37 - 147				12/22/21 20:14	12/27/21 11:27	1
Phenol-d5 (Surr)	62		30 - 153				12/22/21 20:14	12/27/21 11:27	1
Terphenyl-d14 (Surr)	61		42 - 157				12/22/21 20:14	12/27/21 11:27	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Barium	0.36	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 15:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 15:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 15:49	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Iron	<0.40		0.40	0.20	mg/L		12/29/21 08:43	12/30/21 15:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 15:49	1
Manganese	0.64		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 15:49	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:49	1
Zinc	0.045	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 15:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.051		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Barium	0.53		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:14	1
Beryllium	0.0048		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:14	1
Chromium	0.16		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Cobalt	0.036		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Copper	0.15		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Iron	140	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:14	1
Lead	0.073		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:14	1
Manganese	0.58		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Nickel	0.15		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:14	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:14	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021

Lab Sample ID: 500-210071-1

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 79.5

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		12/29/21 08:44	12/30/21 20:14	1
Zinc	0.47	J	0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:14	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.85	J	1.2	0.24	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Arsenic	9.6		0.61	0.21	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Barium	71		0.61	0.070	mg/Kg	☆	12/29/21 10:36	12/30/21 19:04	1
Beryllium	1.0	B	0.25	0.057	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Cadmium	0.36	B	0.12	0.022	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Calcium	20000		12	2.1	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Chromium	18		0.61	0.30	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Cobalt	12		0.31	0.080	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Copper	25		0.61	0.17	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Iron	20000	B ^2	12	6.4	mg/Kg	☆	12/29/21 10:36	12/30/21 19:04	1
Lead	20		0.31	0.14	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Magnesium	12000		6.1	3.0	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Manganese	390	B	0.61	0.089	mg/Kg	☆	12/29/21 10:36	12/30/21 19:04	1
Nickel	30		0.61	0.18	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Potassium	2100		31	11	mg/Kg	☆	12/29/21 10:36	12/30/21 19:04	1
Selenium	0.51	J	0.61	0.36	mg/Kg	☆	12/29/21 10:36	12/30/21 19:04	1
Silver	0.44		0.31	0.079	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Sodium	650		61	9.1	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Thallium	<0.61		0.61	0.31	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Vanadium	25		0.31	0.072	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1
Zinc	69		1.2	0.54	mg/Kg	☆	12/29/21 10:36	12/29/21 20:25	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020	0.0068	mg/Kg	☆	12/23/21 13:10	12/27/21 08:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			12/26/21 17:31	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021D

Lab Sample ID: 500-210071-2

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Trichloroethene	0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	12/20/21 15:32	12/27/21 12:29	1
Dibromofluoromethane (Surr)	121		75 - 126	12/20/21 15:32	12/27/21 12:29	1
1,2-Dichloroethane-d4 (Surr)	129		70 - 134	12/20/21 15:32	12/27/21 12:29	1
Toluene-d8 (Surr)	107		75 - 124	12/20/21 15:32	12/27/21 12:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
1,4-Dichlorobenzene	<0.21		0.21	0.053	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021D

Lab Sample ID: 500-210071-2

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.095	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,4,6-Trichlorophenol	<0.41	*	0.41	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,4-Dichlorophenol	<0.41		0.41	0.098	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,4-Dimethylphenol	<0.41		0.41	0.16	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,4-Dinitrophenol	<0.84		0.84	0.73	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,4-Dinitrotoluene	<0.21		0.21	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2,6-Dinitrotoluene	<0.21		0.21	0.082	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Chloronaphthalene	<0.21		0.21	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Chlorophenol	<0.21		0.21	0.071	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Methylnaphthalene	<0.084		0.084	0.0076	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Methylphenol	<0.21		0.21	0.067	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Nitroaniline	<0.21		0.21	0.056	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
2-Nitrophenol	<0.41		0.41	0.098	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
3 & 4 Methylphenol	<0.21		0.21	0.069	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.058	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
3-Nitroaniline	<0.41		0.41	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4,6-Dinitro-2-methylphenol	<0.84		0.84	0.33	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Chloro-3-methylphenol	<0.41		0.41	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Chloroaniline	<0.84		0.84	0.19	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Nitroaniline	<0.41		0.41	0.17	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
4-Nitrophenol	<0.84	*	0.84	0.39	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Acenaphthene	<0.041		0.041	0.0075	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Acenaphthylene	<0.041		0.041	0.0055	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Anthracene	0.024	J	0.041	0.0069	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Benzo[a]anthracene	0.071		0.041	0.0056	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Benzo[a]pyrene	0.14		0.041	0.0080	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Benzo[b]fluoranthene	0.19		0.041	0.0090	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Benzo[g,h,i]perylene	0.064		0.041	0.013	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Benzo[k]fluoranthene	0.069		0.041	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.042	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.062	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Bis(2-ethylhexyl) phthalate	0.13	J	0.21	0.076	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Butyl benzyl phthalate	<0.21		0.21	0.079	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Carbazole	<0.21		0.21	0.10	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Chrysene	0.10		0.041	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Dibenz(a,h)anthracene	0.025	J	0.041	0.0080	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Diethyl phthalate	<0.21		0.21	0.070	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Dimethyl phthalate	<0.21		0.21	0.054	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Di-n-butyl phthalate	<0.21		0.21	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Di-n-octyl phthalate	<0.21		0.21	0.068	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Fluoranthene	0.17		0.041	0.0077	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Fluorene	0.0065	J	0.041	0.0058	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Hexachlorobenzene	<0.084		0.084	0.0096	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Hexachlorobutadiene	<0.21		0.21	0.065	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Hexachlorocyclopentadiene	<0.84		0.84	0.24	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Hexachloroethane	<0.21		0.21	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021D

Lab Sample ID: 500-210071-2

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 78.9

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	0.077		0.041	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Isophorone	<0.21		0.21	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Naphthalene	<0.041		0.041	0.0064	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Nitrobenzene	0.012	J	0.041	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
N-Nitrosodi-n-propylamine	<0.084		0.084	0.051	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
N-Nitrosodiphenylamine	<0.21		0.21	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Pentachlorophenol	<0.84		0.84	0.67	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Phenanthrene	0.089		0.041	0.0058	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Phenol	<0.21		0.21	0.092	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Pyrene	0.16		0.041	0.0082	mg/Kg	☼	12/22/21 20:14	12/27/21 11:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	61		31 - 143				12/22/21 20:14	12/27/21 11:48	1
2-Fluorobiphenyl (Surr)	62		43 - 145				12/22/21 20:14	12/27/21 11:48	1
2-Fluorophenol (Surr)	73		31 - 166				12/22/21 20:14	12/27/21 11:48	1
Nitrobenzene-d5 (Surr)	43		37 - 147				12/22/21 20:14	12/27/21 11:48	1
Phenol-d5 (Surr)	60		30 - 153				12/22/21 20:14	12/27/21 11:48	1
Terphenyl-d14 (Surr)	64		42 - 157				12/22/21 20:14	12/27/21 11:48	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		12/29/21 08:43	12/30/21 15:52	1
Barium	0.36	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 15:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 15:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 15:52	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Iron	0.73	J B	0.75	0.20	mg/L		12/29/21 08:43	01/03/22 14:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 15:52	1
Manganese	0.45		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 15:52	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:52	1
Zinc	0.039	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 15:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.065		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Barium	0.56		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:17	1
Beryllium	0.0077		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:17	1
Chromium	0.18		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Cobalt	0.042		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Copper	0.17		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Iron	160	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:17	1
Lead	0.086		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:17	1
Manganese	0.64		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Nickel	0.18		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:17	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-7(0-1.5)-122021D

Lab Sample ID: 500-210071-2

Date Collected: 12/20/21 09:15

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 78.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:17	1
Zinc	0.50		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:17	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.54	J	1.2	0.23	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Arsenic	7.1		0.60	0.21	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Barium	55		0.60	0.069	mg/Kg	⊛	12/29/21 10:36	12/30/21 19:07	1
Beryllium	0.80	B	0.24	0.056	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Cadmium	0.35	B	0.12	0.022	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Calcium	21000		12	2.0	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Chromium	15		0.60	0.30	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Cobalt	7.9		0.30	0.079	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Copper	16		0.60	0.17	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Iron	16000	B ^2	12	6.3	mg/Kg	⊛	12/29/21 10:36	12/30/21 19:07	1
Lead	21		0.30	0.14	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Magnesium	13000		6.0	3.0	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Manganese	230	B	0.60	0.087	mg/Kg	⊛	12/29/21 10:36	12/30/21 19:07	1
Nickel	18		0.60	0.18	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Potassium	1600		30	11	mg/Kg	⊛	12/29/21 10:36	12/30/21 19:07	1
Selenium	0.86		0.60	0.35	mg/Kg	⊛	12/29/21 10:36	12/30/21 19:07	1
Silver	0.31		0.30	0.078	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Sodium	470		60	8.9	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Thallium	<0.60		0.60	0.30	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Vanadium	22		0.30	0.071	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1
Zinc	60		1.2	0.53	mg/Kg	⊛	12/29/21 10:36	12/29/21 20:29	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020	0.0067	mg/Kg	⊛	12/23/21 13:10	12/27/21 08:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			12/26/21 17:36	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-6(0-2)-122021

Lab Sample ID: 500-210071-3

Date Collected: 12/20/21 09:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.025		0.025	0.011	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Benzene	<0.0025		0.0025	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Bromodichloromethane	<0.0025		0.0025	0.00050	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Bromoform	<0.0025		0.0025	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Bromomethane	<0.0062		0.0062	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Carbon disulfide	<0.0062		0.0062	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Carbon tetrachloride	<0.0025		0.0025	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Chlorobenzene	<0.0025		0.0025	0.00091	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Chloroethane	<0.0062		0.0062	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Chloroform	<0.0025		0.0025	0.00086	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Chloromethane	<0.0062		0.0062	0.0025	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
cis-1,2-Dichloroethene	<0.0025		0.0025	0.00069	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
cis-1,3-Dichloropropene	<0.0025		0.0025	0.00074	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Dibromochloromethane	<0.0025		0.0025	0.00081	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,1-Dichloroethane	<0.0025		0.0025	0.00085	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,2-Dichloroethane	<0.0062		0.0062	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,1-Dichloroethene	<0.0025		0.0025	0.00085	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,2-Dichloropropane	<0.0025		0.0025	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,3-Dichloropropane, Total	<0.0025		0.0025	0.00087	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Ethylbenzene	<0.0025		0.0025	0.0012	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
2-Hexanone	<0.0062		0.0062	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Methylene Chloride	<0.0062		0.0062	0.0024	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Methyl Ethyl Ketone	<0.0062		0.0062	0.0027	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
methyl isobutyl ketone	<0.0062		0.0062	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Methyl tert-butyl ether	<0.0025		0.0025	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Styrene	<0.0025		0.0025	0.00075	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0025	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Tetrachloroethene	<0.0025		0.0025	0.00084	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Toluene	<0.0025		0.0025	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
trans-1,2-Dichloroethene	<0.0025		0.0025	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
trans-1,3-Dichloropropene	<0.0025		0.0025	0.00087	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,1,1-Trichloroethane	<0.0025		0.0025	0.00083	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
1,1,2-Trichloroethane	<0.0025		0.0025	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Trichloroethene	0.0014	J	0.0025	0.00084	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Vinyl chloride	<0.0025		0.0025	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1
Xylenes, Total	<0.0049		0.0049	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 12:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	12/20/21 15:32	12/27/21 12:55	1
Dibromofluoromethane (Surr)	119		75 - 126	12/20/21 15:32	12/27/21 12:55	1
1,2-Dichloroethane-d4 (Surr)	130		70 - 134	12/20/21 15:32	12/27/21 12:55	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 12:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
1,3-Dichlorobenzene	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-6(0-2)-122021

Lab Sample ID: 500-210071-3

Date Collected: 12/20/21 09:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.092	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,4,6-Trichlorophenol	<0.40	*	0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,4-Dinitrophenol	<0.82		0.82	0.71	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2,6-Dinitrotoluene	<0.20		0.20	0.080	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Methylnaphthalene	<0.082		0.082	0.0074	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Nitroaniline	<0.20		0.20	0.055	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
2-Nitrophenol	<0.40		0.40	0.096	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
3 & 4 Methylphenol	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.057	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
3-Nitroaniline	<0.40		0.40	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.33	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Chloroaniline	<0.82		0.82	0.19	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
4-Nitrophenol	<0.82	*	0.82	0.39	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Acenaphthene	<0.040		0.040	0.0073	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Anthracene	0.019	J	0.040	0.0068	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Benzo[a]anthracene	0.038	J	0.040	0.0055	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Benzo[a]pyrene	0.081		0.040	0.0078	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Benzo[b]fluoranthene	0.12		0.040	0.0087	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Benzo[g,h,i]perylene	0.043		0.040	0.013	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Benzo[k]fluoranthene	0.043		0.040	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Bis(2-ethylhexyl) phthalate	0.13	J	0.20	0.074	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Chrysene	0.059		0.040	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Dibenz(a,h)anthracene	0.018	J	0.040	0.0078	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Diethyl phthalate	<0.20		0.20	0.069	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Di-n-butyl phthalate	<0.20		0.20	0.062	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Fluoranthene	0.12		0.040	0.0075	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Fluorene	0.0073	J	0.040	0.0057	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Hexachlorobenzene	<0.082		0.082	0.0094	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Hexachlorobutadiene	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Hexachlorocyclopentadiene	<0.82		0.82	0.23	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Hexachloroethane	<0.20		0.20	0.062	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-6(0-2)-122021

Lab Sample ID: 500-210071-3

Date Collected: 12/20/21 09:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 81.6

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	0.044		0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.050	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Pentachlorophenol	<0.82		0.82	0.65	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Phenanthrene	0.080		0.040	0.0056	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Pyrene	0.097		0.040	0.0080	mg/Kg	☼	12/22/21 20:14	12/27/21 12:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		31 - 143				12/22/21 20:14	12/27/21 12:09	1
2-Fluorobiphenyl (Surr)	60		43 - 145				12/22/21 20:14	12/27/21 12:09	1
2-Fluorophenol (Surr)	68		31 - 166				12/22/21 20:14	12/27/21 12:09	1
Nitrobenzene-d5 (Surr)	36	S1-	37 - 147				12/22/21 20:14	12/27/21 12:09	1
Phenol-d5 (Surr)	55		30 - 153				12/22/21 20:14	12/27/21 12:09	1
Terphenyl-d14 (Surr)	58		42 - 157				12/22/21 20:14	12/27/21 12:09	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		12/29/21 08:43	12/30/21 15:55	1
Barium	0.39	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 15:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 15:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 15:55	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Iron	<0.40		0.40	0.20	mg/L		12/29/21 08:43	12/30/21 15:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 15:55	1
Manganese	0.42		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 15:55	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 15:55	1
Zinc	0.082	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.043	J	0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Barium	0.41	J	0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:20	1
Chromium	0.12		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Cobalt	0.029		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Copper	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Iron	110	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:20	1
Lead	0.072		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:20	1
Manganese	0.45		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Nickel	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:20	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:20	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-6(0-2)-122021

Lab Sample ID: 500-210071-3

Date Collected: 12/20/21 09:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 81.6

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		12/29/21 08:44	12/30/21 20:20	1
Zinc	0.38	J	0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:20	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.66	J	1.2	0.23	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Arsenic	7.2		0.58	0.20	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Barium	59		0.58	0.066	mg/Kg	☆	12/29/21 10:36	12/30/21 19:10	1
Beryllium	0.91	B	0.23	0.054	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Cadmium	0.35	B	0.12	0.021	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Calcium	23000		12	2.0	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Chromium	18		0.58	0.29	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Cobalt	11		0.29	0.076	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Copper	21		0.58	0.16	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Iron	18000	B ^2	12	6.1	mg/Kg	☆	12/29/21 10:36	12/30/21 19:10	1
Lead	23		0.29	0.13	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Magnesium	13000		5.8	2.9	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Manganese	330	B	0.58	0.084	mg/Kg	☆	12/29/21 10:36	12/30/21 19:10	1
Nickel	26		0.58	0.17	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Potassium	2000		29	10	mg/Kg	☆	12/29/21 10:36	12/30/21 19:10	1
Selenium	0.47	J	0.58	0.34	mg/Kg	☆	12/29/21 10:36	12/30/21 19:10	1
Silver	0.45		0.29	0.075	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Sodium	170		58	8.6	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Vanadium	22		0.29	0.069	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1
Zinc	72		1.2	0.51	mg/Kg	☆	12/29/21 10:36	12/29/21 20:32	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:17	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.019	0.0062	mg/Kg	☆	12/23/21 13:10	12/27/21 08:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			12/26/21 17:38	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-5(0-3)-122021

Lab Sample ID: 500-210071-4

Date Collected: 12/20/21 09:25

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0098	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Benzene	<0.0022		0.0022	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Bromodichloromethane	<0.0022		0.0022	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Bromoform	<0.0022		0.0022	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Bromomethane	<0.0056		0.0056	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Carbon disulfide	<0.0056		0.0056	0.0012	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Carbon tetrachloride	<0.0022		0.0022	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Chlorobenzene	<0.0022		0.0022	0.00083	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Chloroethane	<0.0056		0.0056	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Chloroform	<0.0022		0.0022	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Chloromethane	<0.0056		0.0056	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Dibromochloromethane	<0.0022		0.0022	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,1-Dichloroethane	<0.0022		0.0022	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,2-Dichloroethane	<0.0056		0.0056	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,1-Dichloroethene	<0.0022		0.0022	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,2-Dichloropropane	<0.0022		0.0022	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,3-Dichloropropane, Total	<0.0022		0.0022	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Ethylbenzene	<0.0022		0.0022	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
2-Hexanone	<0.0056		0.0056	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Methylene Chloride	<0.0056		0.0056	0.0022	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Methyl Ethyl Ketone	<0.0056		0.0056	0.0025	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
methyl isobutyl ketone	<0.0056		0.0056	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Styrene	<0.0022		0.0022	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Tetrachloroethene	<0.0022		0.0022	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Toluene	<0.0022		0.0022	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.0010	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00075	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00096	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Trichloroethene	0.0017	J	0.0022	0.00076	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Vinyl chloride	<0.0022		0.0022	0.00099	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1
Xylenes, Total	<0.0045		0.0045	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	12/20/21 15:32	12/27/21 13:21	1
Dibromofluoromethane (Surr)	117		75 - 126	12/20/21 15:32	12/27/21 13:21	1
1,2-Dichloroethane-d4 (Surr)	127		70 - 134	12/20/21 15:32	12/27/21 13:21	1
Toluene-d8 (Surr)	107		75 - 124	12/20/21 15:32	12/27/21 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-5(0-3)-122021

Lab Sample ID: 500-210071-4

Date Collected: 12/20/21 09:25

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,4,6-Trichlorophenol	<0.38	*	0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
4-Nitrophenol	<0.78	*	0.78	0.37	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Acenaphthene	<0.038		0.038	0.0070	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Acenaphthylene	0.016	J	0.038	0.0051	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Anthracene	0.046		0.038	0.0065	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Benzo[a]anthracene	0.25		0.038	0.0052	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Benzo[a]pyrene	0.45	*3	0.038	0.0075	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Benzo[b]fluoranthene	0.62	*3	0.038	0.0083	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Benzo[g,h,i]perylene	0.17	*3	0.038	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Benzo[k]fluoranthene	0.18	*3	0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Bis(2-ethylhexyl) phthalate	0.13	J	0.19	0.071	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Chrysene	0.30		0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Dibenz(a,h)anthracene	0.057	*3	0.038	0.0075	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Fluoranthene	0.34		0.038	0.0072	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-5(0-3)-122021

Lab Sample ID: 500-210071-4

Date Collected: 12/20/21 09:25

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.8

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	0.20	*3	0.038	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Naphthalene	<0.038		0.038	0.0060	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Nitrobenzene	<0.038		0.038	0.0097	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Phenanthrene	0.10		0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Pyrene	0.61		0.038	0.0077	mg/Kg	☼	12/22/21 20:14	12/27/21 12:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		31 - 143				12/22/21 20:14	12/27/21 12:30	1
2-Fluorobiphenyl (Surr)	63		43 - 145				12/22/21 20:14	12/27/21 12:30	1
2-Fluorophenol (Surr)	72		31 - 166				12/22/21 20:14	12/27/21 12:30	1
Nitrobenzene-d5 (Surr)	40		37 - 147				12/22/21 20:14	12/27/21 12:30	1
Phenol-d5 (Surr)	59		30 - 153				12/22/21 20:14	12/27/21 12:30	1
Terphenyl-d14 (Surr)	78		42 - 157				12/22/21 20:14	12/27/21 12:30	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		12/29/21 08:43	12/30/21 16:08	1
Barium	0.40	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:08	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Iron	0.24	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:08	1
Manganese	0.48		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:08	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:08	1
Zinc	0.074	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.054		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Barium	0.49	J	0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:24	1
Beryllium	0.0061		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:24	1
Chromium	0.16		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Cobalt	0.042		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Copper	0.15		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Iron	140	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:24	1
Lead	0.12		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:24	1
Manganese	0.62		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Nickel	0.16		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:24	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:24	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-5(0-3)-122021

Lab Sample ID: 500-210071-4

Date Collected: 12/20/21 09:25

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.8

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		12/29/21 08:44	12/30/21 20:24	1
Zinc	0.77		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:24	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.88	J	1.2	0.23	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Arsenic	8.6		0.60	0.20	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Barium	80		0.60	0.068	mg/Kg	☆	12/29/21 10:36	12/30/21 19:13	1
Beryllium	0.98	B	0.24	0.056	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Cadmium	0.42	B	0.12	0.021	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Calcium	24000		12	2.0	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Chromium	21		0.60	0.30	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Cobalt	12		0.30	0.078	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Copper	24		0.60	0.17	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Iron	20000	B ^2	12	6.2	mg/Kg	☆	12/29/21 10:36	12/30/21 19:13	1
Lead	47		0.30	0.14	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Magnesium	14000		6.0	3.0	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Manganese	370	B	0.60	0.086	mg/Kg	☆	12/29/21 10:36	12/30/21 19:13	1
Nickel	29		0.60	0.17	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Potassium	2200		30	11	mg/Kg	☆	12/29/21 10:36	12/30/21 19:13	1
Selenium	0.60		0.60	0.35	mg/Kg	☆	12/29/21 10:36	12/30/21 19:13	1
Silver	0.53		0.30	0.077	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Sodium	470		60	8.8	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Vanadium	25		0.30	0.070	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1
Zinc	190		1.2	0.52	mg/Kg	☆	12/29/21 10:36	12/29/21 20:35	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:19	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.019	0.0064	mg/Kg	☆	12/23/21 13:10	12/27/21 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			12/26/21 17:41	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-4(0-3)-122021

Lab Sample ID: 500-210071-5

Date Collected: 12/20/21 09:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0091	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Bromoform	<0.0021		0.0021	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Carbon tetrachloride	<0.0021		0.0021	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Chlorobenzene	<0.0021		0.0021	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,1-Dichloroethene	<0.0021		0.0021	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Methylene Chloride	<0.0052		0.0052	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Styrene	<0.0021		0.0021	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Tetrachloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Toluene	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00090	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Trichloroethene	0.0014	J	0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1
Xylenes, Total	<0.0042		0.0042	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	12/20/21 15:32	12/27/21 13:46	1
Dibromofluoromethane (Surr)	118		75 - 126	12/20/21 15:32	12/27/21 13:46	1
1,2-Dichloroethane-d4 (Surr)	131		70 - 134	12/20/21 15:32	12/27/21 13:46	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 13:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.040	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-4(0-3)-122021

Lab Sample ID: 500-210071-5

Date Collected: 12/20/21 09:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,4,6-Trichlorophenol	<0.37	*	0.37	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
4-Nitrophenol	<0.76	*	0.76	0.36	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Acenaphthylene	0.011	J	0.037	0.0049	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Anthracene	0.017	J	0.037	0.0063	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Benzo[a]anthracene	0.047		0.037	0.0050	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Benzo[a]pyrene	0.096		0.037	0.0073	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Benzo[b]fluoranthene	0.16		0.037	0.0081	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Benzo[g,h,i]perylene	0.047		0.037	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Benzo[k]fluoranthene	0.048		0.037	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Bis(2-ethylhexyl) phthalate	0.12	J	0.19	0.069	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Chrysene	0.068		0.037	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Dibenz(a,h)anthracene	0.017	J	0.037	0.0073	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Fluoranthene	0.090		0.037	0.0070	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-4(0-3)-122021

Lab Sample ID: 500-210071-5

Date Collected: 12/20/21 09:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.055		0.037	0.0097	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Nitrobenzene	0.010	J	0.037	0.0094	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Phenanthrene	0.013	J	0.037	0.0052	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Pyrene	0.093		0.037	0.0075	mg/Kg	☼	12/22/21 20:14	12/27/21 12:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		31 - 143				12/22/21 20:14	12/27/21 12:51	1
2-Fluorobiphenyl (Surr)	74		43 - 145				12/22/21 20:14	12/27/21 12:51	1
2-Fluorophenol (Surr)	72		31 - 166				12/22/21 20:14	12/27/21 12:51	1
Nitrobenzene-d5 (Surr)	52		37 - 147				12/22/21 20:14	12/27/21 12:51	1
Phenol-d5 (Surr)	59		30 - 153				12/22/21 20:14	12/27/21 12:51	1
Terphenyl-d14 (Surr)	77		42 - 157				12/22/21 20:14	12/27/21 12:51	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Barium	0.54		0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:21	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Iron	0.20	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:21	1
Manganese	0.49		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:21	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:21	1
Zinc	0.36	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Barium	1.2		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:27	1
Beryllium	0.014		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:27	1
Chromium	0.37		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Cobalt	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Copper	0.37		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Iron	350	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:27	1
Lead	0.19		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:27	1
Manganese	1.5		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Nickel	0.42		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:27	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-4(0-3)-122021

Lab Sample ID: 500-210071-5

Date Collected: 12/20/21 09:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 86.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:27	1
Zinc	0.98		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:27	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.69	J	1.1	0.22	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Arsenic	7.4		0.56	0.19	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Barium	58		0.56	0.064	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Beryllium	0.88	B	0.22	0.052	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Cadmium	0.31	B	0.11	0.020	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Calcium	33000	B	11	1.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Chromium	17		0.56	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Cobalt	12		0.28	0.073	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Copper	23		0.56	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Iron	18000	B ^2	11	5.8	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Lead	21		0.28	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Magnesium	20000		5.6	2.8	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Manganese	350	B	0.56	0.081	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Nickel	29		0.56	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Potassium	2200		28	9.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Selenium	0.41	J	0.56	0.33	mg/Kg	☼	12/29/21 10:36	12/30/21 19:16	1
Silver	0.53		0.28	0.072	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Sodium	2200		56	8.3	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Vanadium	21		0.28	0.066	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1
Zinc	58		1.1	0.49	mg/Kg	☼	12/29/21 10:36	12/29/21 20:38	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0059	mg/Kg	☼	12/23/21 13:10	12/27/21 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.7		0.2	0.2	SU			12/26/21 17:43	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-3(0-2)-122021

Lab Sample ID: 500-210071-6

Date Collected: 12/20/21 09:35

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0082	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Bromodichloromethane	<0.0019		0.0019	0.00038	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Bromoform	<0.0019		0.0019	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Bromomethane	<0.0047		0.0047	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Carbon disulfide	<0.0047		0.0047	0.00098	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Chloroethane	<0.0047		0.0047	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Chloroform	<0.0019		0.0019	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Chloromethane	<0.0047		0.0047	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,2-Dichloroethane	<0.0047		0.0047	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,3-Dichloropropane, Total	<0.0019		0.0019	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Ethylbenzene	<0.0019		0.0019	0.00090	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
2-Hexanone	<0.0047		0.0047	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Methylene Chloride	<0.0047		0.0047	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
methyl isobutyl ketone	<0.0047		0.0047	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Tetrachloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00083	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00081	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Vinyl chloride	<0.0019		0.0019	0.00083	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1
Xylenes, Total	<0.0038		0.0038	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 14:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	12/20/21 15:32	12/27/21 14:12	1
Dibromofluoromethane (Surr)	117		75 - 126	12/20/21 15:32	12/27/21 14:12	1
1,2-Dichloroethane-d4 (Surr)	127		70 - 134	12/20/21 15:32	12/27/21 14:12	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-3(0-2)-122021

Lab Sample ID: 500-210071-6

Date Collected: 12/20/21 09:35

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,4,6-Trichlorophenol	<0.38	*	0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
4-Nitrophenol	<0.77	*	0.77	0.37	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Anthracene	0.018	J	0.038	0.0064	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Benzo[a]anthracene	0.069		0.038	0.0052	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Benzo[a]pyrene	0.12	*3	0.038	0.0074	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Benzo[b]fluoranthene	0.21	*3	0.038	0.0083	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Benzo[g,h,i]perylene	0.053	*3	0.038	0.012	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Benzo[k]fluoranthene	0.055	*3	0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Bis(2-ethylhexyl) phthalate	0.12	J	0.19	0.070	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Chrysene	0.092		0.038	0.010	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Dibenz(a,h)anthracene	0.014	J *3	0.038	0.0074	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Fluoranthene	0.12		0.038	0.0071	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-3(0-2)-122021

Lab Sample ID: 500-210071-6

Date Collected: 12/20/21 09:35

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.8

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	0.060	*3	0.038	0.0099	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Pentachlorophenol	<0.77		0.77	0.62	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Phenanthrene	0.025	J	0.038	0.0053	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Pyrene	0.17		0.038	0.0076	mg/Kg	☼	12/22/21 20:14	12/27/21 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143				12/22/21 20:14	12/27/21 13:12	1
2-Fluorobiphenyl (Surr)	71		43 - 145				12/22/21 20:14	12/27/21 13:12	1
2-Fluorophenol (Surr)	80		31 - 166				12/22/21 20:14	12/27/21 13:12	1
Nitrobenzene-d5 (Surr)	46		37 - 147				12/22/21 20:14	12/27/21 13:12	1
Phenol-d5 (Surr)	62		30 - 153				12/22/21 20:14	12/27/21 13:12	1
Terphenyl-d14 (Surr)	100		42 - 157				12/22/21 20:14	12/27/21 13:12	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		12/29/21 08:43	12/30/21 16:25	1
Barium	0.48	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:25	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Iron	0.33	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:25	1
Manganese	0.45		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:25	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:25	1
Zinc	<0.50		0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Barium	1.1		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:30	1
Beryllium	0.013		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:30	1
Chromium	0.36		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Cobalt	0.091		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Copper	0.37		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Iron	330	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:30	1
Lead	0.22		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:30	1
Manganese	1.2		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Nickel	0.40		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:30	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:30	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-3(0-2)-122021

Lab Sample ID: 500-210071-6

Date Collected: 12/20/21 09:35

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.8

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		12/29/21 08:44	12/30/21 20:30	1
Zinc	1.0		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:30	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.73	J	1.2	0.23	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Arsenic	7.8		0.58	0.20	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Barium	70		0.58	0.066	mg/Kg	☼	12/29/21 10:36	12/30/21 19:19	1
Beryllium	0.85	B	0.23	0.054	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Cadmium	0.44	B	0.12	0.021	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Calcium	49000		120	20	mg/Kg	☼	12/29/21 10:36	12/30/21 16:54	10
Chromium	19		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Cobalt	13		0.29	0.076	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Copper	28		0.58	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Iron	19000	B ^2	12	6.0	mg/Kg	☼	12/29/21 10:36	12/30/21 19:19	1
Lead	33		0.29	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Magnesium	24000		5.8	2.9	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Manganese	380	B	0.58	0.084	mg/Kg	☼	12/29/21 10:36	12/30/21 19:19	1
Nickel	29		0.58	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Potassium	2200		29	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:19	1
Selenium	0.40	J	0.58	0.34	mg/Kg	☼	12/29/21 10:36	12/30/21 19:19	1
Silver	0.56		0.29	0.075	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Sodium	1900		58	8.6	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Vanadium	22		0.29	0.068	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1
Zinc	72		1.2	0.51	mg/Kg	☼	12/29/21 10:36	12/29/21 20:41	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0059	mg/Kg	☼	12/23/21 13:10	12/27/21 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.5		0.2	0.2	SU			12/26/21 17:45	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-2(0-1.5)-122021

Lab Sample ID: 500-210071-7

Date Collected: 12/20/21 09:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0095	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Benzene	<0.0022		0.0022	0.00056	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Bromodichloromethane	<0.0022		0.0022	0.00045	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Bromoform	<0.0022		0.0022	0.00064	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Bromomethane	<0.0055		0.0055	0.0021	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Carbon disulfide	<0.0055		0.0055	0.0011	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Carbon tetrachloride	<0.0022		0.0022	0.00063	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Chlorobenzene	<0.0022		0.0022	0.00081	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Chloroethane	<0.0055		0.0055	0.0016	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Chloroform	<0.0022		0.0022	0.00076	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Chloromethane	<0.0055		0.0055	0.0022	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00061	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00066	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Dibromochloromethane	<0.0022		0.0022	0.00072	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,1-Dichloroethane	<0.0022		0.0022	0.00075	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,2-Dichloroethane	<0.0055		0.0055	0.0017	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,1-Dichloroethene	<0.0022		0.0022	0.00075	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.00077	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Ethylbenzene	<0.0022		0.0022	0.0010	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
2-Hexanone	<0.0055		0.0055	0.0017	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Methylene Chloride	<0.0055		0.0055	0.0022	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Methyl Ethyl Ketone	<0.0055		0.0055	0.0024	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
methyl isobutyl ketone	<0.0055		0.0055	0.0016	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00064	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Styrene	<0.0022		0.0022	0.00066	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.00070	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Tetrachloroethene	<0.0022		0.0022	0.00074	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Toluene	<0.0022		0.0022	0.00055	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00097	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.00077	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00073	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00094	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Trichloroethene	0.0015	J	0.0022	0.00074	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Vinyl chloride	<0.0022		0.0022	0.00097	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1
Xylenes, Total	<0.0044		0.0044	0.00070	mg/Kg	✳	12/20/21 15:32	12/27/21 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/20/21 15:32	12/27/21 15:04	1
Dibromofluoromethane (Surr)	116		75 - 126	12/20/21 15:32	12/27/21 15:04	1
1,2-Dichloroethane-d4 (Surr)	128		70 - 134	12/20/21 15:32	12/27/21 15:04	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	✳	12/22/21 20:14	12/28/21 20:07	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	✳	12/22/21 20:14	12/28/21 20:07	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	✳	12/22/21 20:14	12/28/21 20:07	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	✳	12/22/21 20:14	12/28/21 20:07	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	✳	12/22/21 20:14	12/28/21 20:07	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-2(0-1.5)-122021

Lab Sample ID: 500-210071-7

Date Collected: 12/20/21 09:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,4,6-Trichlorophenol	<0.39	*	0.39	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
3,3'-Dichlorobenzidine	0.065	J	0.20	0.056	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
4-Nitrophenol	<0.80	*	0.80	0.38	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Anthracene	0.0078	J	0.039	0.0066	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Benzo[a]anthracene	0.063		0.039	0.0053	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Benzo[a]pyrene	0.092		0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Benzo[b]fluoranthene	0.14		0.039	0.0086	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Benzo[g,h,i]perylene	0.044		0.039	0.013	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Benzo[k]fluoranthene	0.052		0.039	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Chrysene	0.087		0.039	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Dibenz(a,h)anthracene	0.011	J	0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Fluoranthene	0.13		0.039	0.0074	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-2(0-1.5)-122021

Lab Sample ID: 500-210071-7

Date Collected: 12/20/21 09:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.2

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	0.040		0.039	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Phenanthrene	0.040		0.039	0.0055	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Pyrene	0.12		0.039	0.0079	mg/Kg	☼	12/22/21 20:14	12/28/21 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		31 - 143				12/22/21 20:14	12/28/21 20:07	1
2-Fluorobiphenyl (Surr)	60		43 - 145				12/22/21 20:14	12/28/21 20:07	1
2-Fluorophenol (Surr)	91		31 - 166				12/22/21 20:14	12/28/21 20:07	1
Nitrobenzene-d5 (Surr)	63		37 - 147				12/22/21 20:14	12/28/21 20:07	1
Phenol-d5 (Surr)	84		30 - 153				12/22/21 20:14	12/28/21 20:07	1
Terphenyl-d14 (Surr)	70		42 - 157				12/22/21 20:14	12/28/21 20:07	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		12/29/21 08:43	12/30/21 16:28	1
Barium	0.53		0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:28	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Iron	0.34	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:28	1
Manganese	0.50		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:28	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:28	1
Zinc	0.050	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.15		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Barium	1.2		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:33	1
Beryllium	0.015		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:33	1
Chromium	0.35		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Cobalt	0.091		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Copper	0.38		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Iron	340	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:33	1
Lead	0.21		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:33	1
Manganese	1.1		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Nickel	0.43		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:33	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-2(0-1.5)-122021

Lab Sample ID: 500-210071-7

Date Collected: 12/20/21 09:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:33	1
Zinc	1.0		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:33	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.77	J	1.2	0.23	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Arsenic	9.2		0.58	0.20	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Barium	75		0.58	0.066	mg/Kg	☼	12/29/21 10:36	12/30/21 19:23	1
Beryllium	0.99	B	0.23	0.054	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Cadmium	0.36	B	0.12	0.021	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Calcium	32000		12	2.0	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Chromium	19		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Cobalt	17		0.29	0.076	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Copper	27		0.58	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Iron	21000	B ^2	12	6.0	mg/Kg	☼	12/29/21 10:36	12/30/21 19:23	1
Lead	29		0.29	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Magnesium	18000		5.8	2.9	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Manganese	520	B	0.58	0.084	mg/Kg	☼	12/29/21 10:36	12/30/21 19:23	1
Nickel	35		0.58	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Potassium	2600		29	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:23	1
Selenium	0.70		0.58	0.34	mg/Kg	☼	12/29/21 10:36	12/30/21 19:23	1
Silver	0.55		0.29	0.075	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Sodium	2000		58	8.6	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Vanadium	23		0.29	0.068	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1
Zinc	75		1.2	0.51	mg/Kg	☼	12/29/21 10:36	12/29/21 20:44	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0063	mg/Kg	☼	12/23/21 13:10	12/27/21 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			12/26/21 17:48	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-8(0-1.5)-122021

Lab Sample ID: 500-210071-9

Date Collected: 12/20/21 10:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Carbon disulfide	<0.0038		0.0038	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Trichloroethene	0.00086	J	0.0015	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	12/20/21 15:32	12/27/21 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	12/20/21 15:32	12/27/21 15:55	1
Dibromofluoromethane (Surr)	121		75 - 126	12/20/21 15:32	12/27/21 15:55	1
1,2-Dichloroethane-d4 (Surr)	128		70 - 134	12/20/21 15:32	12/27/21 15:55	1
Toluene-d8 (Surr)	105		75 - 124	12/20/21 15:32	12/27/21 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.039	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-8(0-1.5)-122021

Lab Sample ID: 500-210071-9

Date Collected: 12/20/21 10:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 92.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,4,6-Trichlorophenol	<0.36	*	0.36	0.12	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,4-Dichlorophenol	<0.36		0.36	0.085	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Methylnaphthalene	<0.073		0.073	0.0066	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
4-Nitrophenol	<0.73	*	0.73	0.34	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Anthracene	0.016	J	0.036	0.0060	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Benzo[a]anthracene	0.086		0.036	0.0048	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Benzo[a]pyrene	0.13		0.036	0.0070	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Benzo[b]fluoranthene	0.20		0.036	0.0078	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Benzo[g,h,i]perylene	0.055		0.036	0.012	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Benzo[k]fluoranthene	0.078		0.036	0.011	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Butyl benzyl phthalate	<0.18		0.18	0.068	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Chrysene	0.13		0.036	0.0098	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Dibenz(a,h)anthracene	0.014	J	0.036	0.0070	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Fluoranthene	0.27		0.036	0.0067	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Fluorene	0.0062	J	0.036	0.0051	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Hexachlorobenzene	<0.073		0.073	0.0083	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☆	12/22/21 20:14	12/28/21 20:56	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-8(0-1.5)-122021

Lab Sample ID: 500-210071-9

Date Collected: 12/20/21 10:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 92.0

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	0.052		0.036	0.0093	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
N-Nitrosodiphenylamine	<0.18		0.18	0.042	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Phenanthrene	0.13		0.036	0.0050	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Pyrene	0.22		0.036	0.0072	mg/Kg	☼	12/22/21 20:14	12/28/21 20:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		31 - 143				12/22/21 20:14	12/28/21 20:56	1
2-Fluorobiphenyl (Surr)	65		43 - 145				12/22/21 20:14	12/28/21 20:56	1
2-Fluorophenol (Surr)	100		31 - 166				12/22/21 20:14	12/28/21 20:56	1
Nitrobenzene-d5 (Surr)	71		37 - 147				12/22/21 20:14	12/28/21 20:56	1
Phenol-d5 (Surr)	95		30 - 153				12/22/21 20:14	12/28/21 20:56	1
Terphenyl-d14 (Surr)	78		42 - 157				12/22/21 20:14	12/28/21 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		12/29/21 08:43	12/30/21 16:35	1
Barium	0.36	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:35	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Iron	0.31	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:35	1
Manganese	0.43		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:35	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:35	1
Zinc	0.026	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.033	J	0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Barium	0.37	J	0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:39	1
Chromium	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Cobalt	0.028		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Copper	0.094		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Iron	97	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:39	1
Lead	0.064		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:39	1
Manganese	0.45		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Nickel	0.10		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:39	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:39	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-8(0-1.5)-122021

Lab Sample ID: 500-210071-9

Date Collected: 12/20/21 10:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 92.0

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		12/29/21 08:44	12/30/21 20:39	1
Zinc	0.33	J	0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:39	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.67	J	1.1	0.21	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Arsenic	7.1		0.54	0.18	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Barium	53		0.54	0.062	mg/Kg	☼	12/29/21 10:36	12/30/21 19:35	1
Beryllium	0.80	B	0.22	0.051	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Cadmium	0.30	B	0.11	0.019	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Calcium	23000		11	1.8	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Chromium	14		0.54	0.27	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Cobalt	9.6		0.27	0.071	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Copper	23		0.54	0.15	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Iron	16000	B ^2	11	5.6	mg/Kg	☼	12/29/21 10:36	12/30/21 19:35	1
Lead	22		0.27	0.12	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Magnesium	12000		5.4	2.7	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Manganese	300	B	0.54	0.078	mg/Kg	☼	12/29/21 10:36	12/30/21 19:35	1
Nickel	23		0.54	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Potassium	1800		27	9.6	mg/Kg	☼	12/29/21 10:36	12/30/21 19:35	1
Selenium	<0.54		0.54	0.32	mg/Kg	☼	12/29/21 10:36	12/30/21 19:35	1
Silver	0.39		0.27	0.070	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Sodium	210		54	8.0	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Thallium	<0.54		0.54	0.27	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Vanadium	20		0.27	0.064	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1
Zinc	78		1.1	0.47	mg/Kg	☼	12/29/21 10:36	12/29/21 20:51	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.017	0.0058	mg/Kg	☼	12/23/21 13:10	12/27/21 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			12/26/21 17:53	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-9(0-2)-122021

Lab Sample ID: 500-210071-10

Date Collected: 12/20/21 10:50

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	12/20/21 15:32	12/27/21 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/20/21 15:32	12/27/21 16:21	1
Dibromofluoromethane (Surr)	119		75 - 126	12/20/21 15:32	12/27/21 16:21	1
1,2-Dichloroethane-d4 (Surr)	126		70 - 134	12/20/21 15:32	12/27/21 16:21	1
Toluene-d8 (Surr)	107		75 - 124	12/20/21 15:32	12/27/21 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
1,2-Dichlorobenzene	<0.20		0.20	0.048	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
1,4-Dichlorobenzene	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-9(0-2)-122021

Lab Sample ID: 500-210071-10

Date Collected: 12/20/21 10:50

Matrix: Solid

Date Received: 12/20/21 13:45

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	<0.40		0.40	0.092	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,4,6-Trichlorophenol	<0.40	*	0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,4-Dichlorophenol	<0.40		0.40	0.096	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,4-Dimethylphenol	<0.40		0.40	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,4-Dinitrophenol	<0.81		0.81	0.71	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,4-Dinitrotoluene	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2,6-Dinitrotoluene	<0.20		0.20	0.079	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Chlorophenol	<0.20		0.20	0.069	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Methylnaphthalene	<0.081		0.081	0.0074	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Methylphenol	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Nitroaniline	<0.20		0.20	0.054	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
2-Nitrophenol	<0.40		0.40	0.095	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
3 & 4 Methylphenol	<0.20		0.20	0.067	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
3-Nitroaniline	<0.40		0.40	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.32	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Chloro-3-methylphenol	<0.40		0.40	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Chloroaniline	<0.81		0.81	0.19	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Nitroaniline	<0.40		0.40	0.17	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
4-Nitrophenol	<0.81	*	0.81	0.38	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Acenaphthene	<0.040		0.040	0.0072	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Acenaphthylene	<0.040		0.040	0.0053	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Anthracene	0.0079	J	0.040	0.0067	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Benzo[a]anthracene	0.034	J	0.040	0.0054	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Benzo[a]pyrene	0.052		0.040	0.0078	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Benzo[b]fluoranthene	0.085		0.040	0.0087	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Benzo[g,h,i]perylene	0.028	J	0.040	0.013	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Benzo[k]fluoranthene	0.028	J	0.040	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.074	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Butyl benzyl phthalate	<0.20		0.20	0.077	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Carbazole	<0.20		0.20	0.10	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Chrysene	0.047		0.040	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Dibenz(a,h)anthracene	<0.040		0.040	0.0078	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Diethyl phthalate	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Dimethyl phthalate	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Di-n-octyl phthalate	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Fluoranthene	0.091		0.040	0.0075	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Fluorene	<0.040		0.040	0.0057	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Hexachlorobenzene	<0.081		0.081	0.0093	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Hexachlorobutadiene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Hexachlorocyclopentadiene	<0.81		0.81	0.23	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Hexachloroethane	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-9(0-2)-122021

Lab Sample ID: 500-210071-10

Date Collected: 12/20/21 10:50

Matrix: Solid

Date Received: 12/20/21 13:45

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	0.023	J	0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Naphthalene	<0.040		0.040	0.0062	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Nitrobenzene	<0.040		0.040	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.049	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
N-Nitrosodiphenylamine	<0.20		0.20	0.048	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Pentachlorophenol	<0.81		0.81	0.65	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Phenanthrene	0.040		0.040	0.0056	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Phenol	<0.20		0.20	0.090	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Pyrene	0.078		0.040	0.0080	mg/Kg	☼	12/22/21 20:14	12/28/21 21:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		31 - 143				12/22/21 20:14	12/28/21 21:21	1
2-Fluorobiphenyl (Surr)	68		43 - 145				12/22/21 20:14	12/28/21 21:21	1
2-Fluorophenol (Surr)	90		31 - 166				12/22/21 20:14	12/28/21 21:21	1
Nitrobenzene-d5 (Surr)	70		37 - 147				12/22/21 20:14	12/28/21 21:21	1
Phenol-d5 (Surr)	80		30 - 153				12/22/21 20:14	12/28/21 21:21	1
Terphenyl-d14 (Surr)	78		42 - 157				12/22/21 20:14	12/28/21 21:21	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Barium	0.44	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:38	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Iron	0.20	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:38	1
Manganese	0.22		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:38	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:38	1
Zinc	0.034	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.039	J	0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Barium	0.38	J	0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:43	1
Chromium	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Cobalt	0.024	J	0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Copper	0.10		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Iron	100	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:43	1
Lead	0.048		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:43	1
Manganese	0.37		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Nickel	0.11		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:43	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:43	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-9(0-2)-122021

Lab Sample ID: 500-210071-10

Date Collected: 12/20/21 10:50

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.1

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		12/29/21 08:44	12/30/21 20:43	1
Zinc	0.28	J	0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:43	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.49	J	1.2	0.23	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Arsenic	7.3		0.58	0.20	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Barium	71		0.58	0.067	mg/Kg	☼	12/29/21 10:36	12/30/21 19:38	1
Beryllium	0.95	B	0.23	0.055	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Cadmium	0.33	B	0.12	0.021	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Calcium	21000		12	2.0	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Chromium	17		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Cobalt	11		0.29	0.077	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Copper	22		0.58	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Iron	18000	B ^2	12	6.1	mg/Kg	☼	12/29/21 10:36	12/30/21 19:38	1
Lead	21		0.29	0.14	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Magnesium	13000		5.8	2.9	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Manganese	320	B	0.58	0.085	mg/Kg	☼	12/29/21 10:36	12/30/21 19:38	1
Nickel	26		0.58	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Potassium	2000		29	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:38	1
Selenium	0.57	J	0.58	0.34	mg/Kg	☼	12/29/21 10:36	12/30/21 19:38	1
Silver	0.42		0.29	0.075	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Sodium	200		58	8.6	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Vanadium	22		0.29	0.069	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1
Zinc	71		1.2	0.51	mg/Kg	☼	12/29/21 10:36	12/29/21 20:54	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.019	0.0064	mg/Kg	☼	12/23/21 13:10	12/27/21 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			12/26/21 17:58	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-10(0-3)-122021

Lab Sample ID: 500-210071-11

Date Collected: 12/20/21 11:00

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Chlorobenzene	<0.0019		0.0019	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,1-Dichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Ethylbenzene	<0.0019		0.0019	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Styrene	<0.0019		0.0019	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00085	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,1,1-Trichloroethane	0.0010	J	0.0019	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Trichloroethene	0.0020		0.0019	0.00065	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Vinyl chloride	<0.0019		0.0019	0.00085	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/20/21 15:32	12/27/21 16:46	1
Dibromofluoromethane (Surr)	121		75 - 126	12/20/21 15:32	12/27/21 16:46	1
1,2-Dichloroethane-d4 (Surr)	129		70 - 134	12/20/21 15:32	12/27/21 16:46	1
Toluene-d8 (Surr)	107		75 - 124	12/20/21 15:32	12/27/21 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-10(0-3)-122021

Lab Sample ID: 500-210071-11

Date Collected: 12/20/21 11:00

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,4,6-Trichlorophenol	<0.38	*	0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,4-Dinitrophenol	<0.77		0.77	0.68	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Methylnaphthalene	<0.077		0.077	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
4-Nitrophenol	<0.77	*	0.77	0.36	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Benzo[a]anthracene	0.027	J	0.038	0.0052	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Benzo[a]pyrene	0.041		0.038	0.0074	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Benzo[b]fluoranthene	0.069		0.038	0.0083	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Benzo[g,h,i]perylene	0.022	J	0.038	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Benzo[k]fluoranthene	0.026	J	0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Chrysene	0.044		0.038	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Fluoranthene	0.072		0.038	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-10(0-3)-122021

Lab Sample ID: 500-210071-11

Date Collected: 12/20/21 11:00

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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	0.016	J	0.038	0.0099	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Pentachlorophenol	<0.77		0.77	0.62	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Phenanthrene	0.023	J	0.038	0.0053	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Pyrene	0.064		0.038	0.0076	mg/Kg	☼	12/22/21 20:14	12/28/21 21:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		31 - 143				12/22/21 20:14	12/28/21 21:45	1
2-Fluorobiphenyl (Surr)	61		43 - 145				12/22/21 20:14	12/28/21 21:45	1
2-Fluorophenol (Surr)	82		31 - 166				12/22/21 20:14	12/28/21 21:45	1
Nitrobenzene-d5 (Surr)	65		37 - 147				12/22/21 20:14	12/28/21 21:45	1
Phenol-d5 (Surr)	68		30 - 153				12/22/21 20:14	12/28/21 21:45	1
Terphenyl-d14 (Surr)	78		42 - 157				12/22/21 20:14	12/28/21 21:45	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Barium	0.43	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:51	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Iron	<0.40		0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:51	1
Manganese	0.22		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:51	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:51	1
Zinc	0.13	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.074		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Barium	0.59		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:53	1
Beryllium	0.0062		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:53	1
Chromium	0.18		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Cobalt	0.050		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Copper	0.20		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Iron	180	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:53	1
Lead	0.14		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:53	1
Manganese	0.71		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Nickel	0.20		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:53	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-10(0-3)-122021

Lab Sample ID: 500-210071-11

Date Collected: 12/20/21 11:00

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:53	1
Zinc	1.2		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:53	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.82	J	1.2	0.23	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Arsenic	8.4		0.58	0.20	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Barium	60		0.58	0.067	mg/Kg	☼	12/29/21 10:36	12/30/21 19:42	1
Beryllium	0.95	B	0.23	0.055	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Cadmium	0.41	B	0.12	0.021	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Calcium	32000		12	2.0	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Chromium	17		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Cobalt	14		0.29	0.077	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Copper	26		0.58	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Iron	19000	B ^2	12	6.1	mg/Kg	☼	12/29/21 10:36	12/30/21 19:42	1
Lead	26		0.29	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Magnesium	17000		5.8	2.9	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Manganese	360	B	0.58	0.085	mg/Kg	☼	12/29/21 10:36	12/30/21 19:42	1
Nickel	33		0.58	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Potassium	2300		29	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:42	1
Selenium	0.50	J	0.58	0.34	mg/Kg	☼	12/29/21 10:36	12/30/21 19:42	1
Silver	0.46		0.29	0.075	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Sodium	270		58	8.6	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Vanadium	22		0.29	0.069	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1
Zinc	120		1.2	0.51	mg/Kg	☼	12/29/21 10:36	12/29/21 21:04	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.019	0.0062	mg/Kg	☼	12/23/21 13:10	12/27/21 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.4		0.2	0.2	SU			12/26/21 18:00	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-11(0-3)-122021

Lab Sample ID: 500-210071-12

Date Collected: 12/20/21 11:10

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.023		0.023	0.0099	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Benzene	<0.0023		0.0023	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Bromodichloromethane	<0.0023		0.0023	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Bromoform	<0.0023		0.0023	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Bromomethane	<0.0057		0.0057	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Carbon disulfide	<0.0057		0.0057	0.0012	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Carbon tetrachloride	<0.0023		0.0023	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Chlorobenzene	<0.0023		0.0023	0.00084	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Chloroethane	<0.0057		0.0057	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Chloroform	<0.0023		0.0023	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Chloromethane	<0.0057		0.0057	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Dibromochloromethane	<0.0023		0.0023	0.00074	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,1-Dichloroethane	<0.0023		0.0023	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,2-Dichloroethane	<0.0057		0.0057	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,1-Dichloroethene	<0.0023		0.0023	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,2-Dichloropropane	<0.0023		0.0023	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,3-Dichloropropene, Total	<0.0023		0.0023	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Ethylbenzene	<0.0023		0.0023	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
2-Hexanone	<0.0057		0.0057	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Methylene Chloride	<0.0057		0.0057	0.0022	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Methyl Ethyl Ketone	<0.0057		0.0057	0.0025	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
methyl isobutyl ketone	<0.0057		0.0057	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Styrene	<0.0023		0.0023	0.00069	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Tetrachloroethene	<0.0023		0.0023	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Toluene	<0.0023		0.0023	0.00057	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.0010	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,1,1-Trichloroethane	0.0011	J	0.0023	0.00076	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00097	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Trichloroethene	0.0021	J	0.0023	0.00077	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Vinyl chloride	<0.0023		0.0023	0.0010	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1
Xylenes, Total	<0.0045		0.0045	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	12/20/21 15:32	12/27/21 17:12	1
Dibromofluoromethane (Surr)	119		75 - 126	12/20/21 15:32	12/27/21 17:12	1
1,2-Dichloroethane-d4 (Surr)	127		70 - 134	12/20/21 15:32	12/27/21 17:12	1
Toluene-d8 (Surr)	108		75 - 124	12/20/21 15:32	12/27/21 17:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-11(0-3)-122021

Lab Sample ID: 500-210071-12

Date Collected: 12/20/21 11:10

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,4,6-Trichlorophenol	<0.38	*	0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,4-Dichlorophenol	<0.38		0.38	0.092	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
4-Nitrophenol	<0.78	*	0.78	0.37	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Anthracene	<0.038		0.038	0.0065	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Benzo[a]anthracene	0.030	J	0.038	0.0052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Benzo[a]pyrene	0.042		0.038	0.0075	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Benzo[b]fluoranthene	0.071		0.038	0.0083	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Benzo[g,h,i]perylene	0.020	J	0.038	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Benzo[k]fluoranthene	0.026	J	0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Chrysene	0.038		0.038	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Fluoranthene	0.061		0.038	0.0072	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-11(0-3)-122021

Lab Sample ID: 500-210071-12

Date Collected: 12/20/21 11:10

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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	0.016	J	0.038	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Phenanthrene	0.014	J	0.038	0.0054	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Pyrene	0.061		0.038	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 22:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143				12/22/21 20:14	12/28/21 22:09	1
2-Fluorobiphenyl (Surr)	69		43 - 145				12/22/21 20:14	12/28/21 22:09	1
2-Fluorophenol (Surr)	108		31 - 166				12/22/21 20:14	12/28/21 22:09	1
Nitrobenzene-d5 (Surr)	70		37 - 147				12/22/21 20:14	12/28/21 22:09	1
Phenol-d5 (Surr)	60		30 - 153				12/22/21 20:14	12/28/21 22:09	1
Terphenyl-d14 (Surr)	84		42 - 157				12/22/21 20:14	12/28/21 22:09	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		12/29/21 08:43	12/30/21 16:54	1
Barium	0.53		0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:54	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Iron	<0.40		0.40	0.20	mg/L		12/29/21 08:43	01/03/22 14:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:54	1
Manganese	0.44		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:54	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:54	1
Zinc	<0.50		0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.14		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Barium	1.1		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:56	1
Beryllium	0.014		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:56	1
Chromium	0.34		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Cobalt	0.092		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Copper	0.39		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Iron	330	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:56	1
Lead	0.18		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:56	1
Manganese	1.1		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Nickel	0.40		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:56	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-11(0-3)-122021

Lab Sample ID: 500-210071-12

Date Collected: 12/20/21 11:10

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:56	1
Zinc	0.89		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:56	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.63	J	1.1	0.22	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Arsenic	7.9		0.56	0.19	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Barium	65		0.56	0.064	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Beryllium	0.97	B	0.23	0.053	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Cadmium	0.31	B	0.11	0.020	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Calcium	31000	B	11	1.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Chromium	18		0.56	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Cobalt	12		0.28	0.074	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Copper	25		0.56	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Iron	20000	B ^2	11	5.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Lead	19		0.28	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Magnesium	19000		5.6	2.8	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Manganese	310	B	0.56	0.082	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Nickel	31		0.56	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Potassium	2400		28	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Selenium	0.61		0.56	0.33	mg/Kg	☼	12/29/21 10:36	12/30/21 19:45	1
Silver	0.53		0.28	0.073	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Sodium	990		56	8.4	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Thallium	<0.56		0.56	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Vanadium	23		0.28	0.067	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1
Zinc	64		1.1	0.50	mg/Kg	☼	12/29/21 10:36	12/29/21 21:07	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:40	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.019	0.0062	mg/Kg	☼	12/23/21 13:10	12/27/21 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.9		0.2	0.2	SU			12/26/21 18:03	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-12(0-2)-122021

Lab Sample ID: 500-210071-13

Date Collected: 12/20/21 11:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Tetrachloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Trichloroethene	0.0010	J	0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	12/20/21 15:32	12/27/21 17:38	1
Dibromofluoromethane (Surr)	129	S1+	75 - 126	12/20/21 15:32	12/27/21 17:38	1
1,2-Dichloroethane-d4 (Surr)	135	S1+	70 - 134	12/20/21 15:32	12/27/21 17:38	1
Toluene-d8 (Surr)	108		75 - 124	12/20/21 15:32	12/27/21 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-12(0-2)-122021

Lab Sample ID: 500-210071-13

Date Collected: 12/20/21 11:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.091	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,4,6-Trichlorophenol	<0.39	*	0.39	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Chlorophenol	<0.20		0.20	0.068	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Methylphenol	<0.20		0.20	0.064	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
2-Nitrophenol	<0.39		0.39	0.094	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.056	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Chloro-3-methylphenol	<0.39		0.39	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
4-Nitrophenol	<0.80	*	0.80	0.38	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Anthracene	0.0086	J	0.039	0.0066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Benzo[a]anthracene	0.040		0.039	0.0053	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Benzo[a]pyrene	0.056		0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Benzo[b]fluoranthene	0.097		0.039	0.0086	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Benzo[g,h,i]perylene	0.030	J	0.039	0.013	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Benzo[k]fluoranthene	0.031	J	0.039	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.041	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.073	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Butyl benzyl phthalate	<0.20		0.20	0.076	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Chrysene	0.058		0.039	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Dibenzofuran	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Di-n-butyl phthalate	<0.20		0.20	0.061	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Fluoranthene	0.083		0.039	0.0074	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-12(0-2)-122021

Lab Sample ID: 500-210071-13

Date Collected: 12/20/21 11:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.0

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	0.023	J	0.039	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Isophorone	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.049	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Pentachlorophenol	<0.80		0.80	0.64	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Phenanthrene	0.018	J	0.039	0.0055	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Pyrene	0.084		0.039	0.0079	mg/Kg	☼	12/22/21 20:14	12/28/21 22:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		31 - 143				12/22/21 20:14	12/28/21 22:34	1
2-Fluorobiphenyl (Surr)	69		43 - 145				12/22/21 20:14	12/28/21 22:34	1
2-Fluorophenol (Surr)	105		31 - 166				12/22/21 20:14	12/28/21 22:34	1
Nitrobenzene-d5 (Surr)	72		37 - 147				12/22/21 20:14	12/28/21 22:34	1
Phenol-d5 (Surr)	41		30 - 153				12/22/21 20:14	12/28/21 22:34	1
Terphenyl-d14 (Surr)	84		42 - 157				12/22/21 20:14	12/28/21 22:34	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		12/29/21 08:43	12/30/21 16:57	1
Barium	0.45	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 16:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 16:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 16:57	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Iron	0.21	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 16:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 16:57	1
Manganese	0.41		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 16:57	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 16:57	1
Zinc	0.023	J	0.50	0.020	mg/L		12/29/21 08:43	12/30/21 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Barium	1.0		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 20:59	1
Beryllium	0.012		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 20:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 20:59	1
Chromium	0.33		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Cobalt	0.085		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Copper	0.33		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Iron	300	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 20:59	1
Lead	0.17		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 20:59	1
Manganese	1.1		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Nickel	0.37		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 20:59	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 20:59	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-12(0-2)-122021

Lab Sample ID: 500-210071-13

Date Collected: 12/20/21 11:20

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 83.0

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		12/29/21 08:44	12/30/21 20:59	1
Zinc	1.4		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 20:59	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.68	J	1.2	0.23	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Arsenic	7.9		0.58	0.20	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Barium	64		0.58	0.067	mg/Kg	☼	12/29/21 10:36	12/30/21 19:48	1
Beryllium	0.94	B	0.23	0.054	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Cadmium	0.32	B	0.12	0.021	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Calcium	46000		120	20	mg/Kg	☼	12/29/21 10:36	12/30/21 17:00	10
Chromium	18		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Cobalt	12		0.29	0.076	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Copper	24		0.58	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Iron	19000	B ^2	12	6.1	mg/Kg	☼	12/29/21 10:36	12/30/21 19:48	1
Lead	18		0.29	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Magnesium	21000		5.8	2.9	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Manganese	340	B	0.58	0.085	mg/Kg	☼	12/29/21 10:36	12/30/21 19:48	1
Nickel	31		0.58	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Potassium	2500		29	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:48	1
Selenium	<0.58		0.58	0.34	mg/Kg	☼	12/29/21 10:36	12/30/21 19:48	1
Silver	0.49		0.29	0.075	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Sodium	1300		58	8.6	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Thallium	<0.58		0.58	0.29	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Vanadium	22		0.29	0.069	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1
Zinc	87		1.2	0.51	mg/Kg	☼	12/29/21 10:36	12/29/21 21:10	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:42	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0063	mg/Kg	☼	12/23/21 13:10	12/27/21 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			12/26/21 18:05	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-13(0-1.5)-122021

Lab Sample ID: 500-210071-14

Date Collected: 12/20/21 11:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0090	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Bromoform	<0.0021		0.0021	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Chlorobenzene	<0.0021		0.0021	0.00076	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,1-Dichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,2-Dichloropropane	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Ethylbenzene	<0.0021		0.0021	0.00099	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Methylene Chloride	<0.0052		0.0052	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Styrene	<0.0021		0.0021	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Tetrachloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Toluene	<0.0021		0.0021	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00069	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Vinyl chloride	<0.0021		0.0021	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1
Xylenes, Total	<0.0041		0.0041	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 18:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/20/21 15:32	12/27/21 18:03	1
Dibromofluoromethane (Surr)	120		75 - 126	12/20/21 15:32	12/27/21 18:03	1
1,2-Dichloroethane-d4 (Surr)	130		70 - 134	12/20/21 15:32	12/27/21 18:03	1
Toluene-d8 (Surr)	105		75 - 124	12/20/21 15:32	12/27/21 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.043	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
1,3-Dichlorobenzene	<0.20		0.20	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-13(0-1.5)-122021

Lab Sample ID: 500-210071-14

Date Collected: 12/20/21 11:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,4,6-Trichlorophenol	<0.39	*	0.39	0.14	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Methylnaphthalene	<0.080		0.080	0.0073	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
4-Nitrophenol	<0.80	*	0.80	0.38	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Acenaphthylene	0.0072	J	0.039	0.0052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Anthracene	0.015	J	0.039	0.0066	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Benzo[a]anthracene	0.12		0.039	0.0053	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Benzo[a]pyrene	0.16		0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Benzo[b]fluoranthene	0.26		0.039	0.0085	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Benzo[g,h,i]perylene	0.059		0.039	0.013	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Benzo[k]fluoranthene	0.092		0.039	0.012	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Chrysene	0.15		0.039	0.011	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Dibenz(a,h)anthracene	0.014	J	0.039	0.0076	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Di-n-octyl phthalate	<0.20		0.20	0.065	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Fluoranthene	0.26		0.039	0.0073	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Fluorene	<0.039		0.039	0.0056	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Hexachlorobenzene	<0.080		0.080	0.0092	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-13(0-1.5)-122021

Lab Sample ID: 500-210071-14

Date Collected: 12/20/21 11:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.4

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	0.058		0.039	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Nitrobenzene	<0.039		0.039	0.0099	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Phenanthrene	0.033	J	0.039	0.0055	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Pyrene	0.26		0.039	0.0079	mg/Kg	☼	12/22/21 20:14	12/28/21 22:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143				12/22/21 20:14	12/28/21 22:58	1
2-Fluorobiphenyl (Surr)	69		43 - 145				12/22/21 20:14	12/28/21 22:58	1
2-Fluorophenol (Surr)	109		31 - 166				12/22/21 20:14	12/28/21 22:58	1
Nitrobenzene-d5 (Surr)	71		37 - 147				12/22/21 20:14	12/28/21 22:58	1
Phenol-d5 (Surr)	38		30 - 153				12/22/21 20:14	12/28/21 22:58	1
Terphenyl-d14 (Surr)	87		42 - 157				12/22/21 20:14	12/28/21 22:58	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		12/29/21 08:43	12/30/21 17:01	1
Barium	0.54		0.50	0.050	mg/L		12/29/21 08:43	12/30/21 17:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 17:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 17:01	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Iron	0.32	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 17:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 17:01	1
Manganese	0.36		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 17:01	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:01	1
Zinc	<0.50		0.50	0.020	mg/L		12/29/21 08:43	12/30/21 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.12		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Barium	0.94		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 21:02	1
Beryllium	0.011		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 21:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 21:02	1
Chromium	0.29		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Cobalt	0.078		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Copper	0.33		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Iron	280	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 21:02	1
Lead	0.16		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 21:02	1
Manganese	1.0		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Nickel	0.34		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 21:02	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-13(0-1.5)-122021

Lab Sample ID: 500-210071-14

Date Collected: 12/20/21 11:30

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:02	1
Zinc	0.81		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 21:02	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.57	J	1.1	0.22	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Arsenic	8.0		0.56	0.19	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Barium	74		0.56	0.064	mg/Kg	✧	12/29/21 10:36	12/30/21 19:51	1
Beryllium	0.89	B	0.23	0.053	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Cadmium	0.30	B	0.11	0.020	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Calcium	43000		110	19	mg/Kg	✧	12/29/21 10:36	12/30/21 17:03	10
Chromium	17		0.56	0.28	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Cobalt	14		0.28	0.074	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Copper	26		0.56	0.16	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Iron	20000	B ^2	11	5.9	mg/Kg	✧	12/29/21 10:36	12/30/21 19:51	1
Lead	17		0.28	0.13	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Magnesium	21000		5.6	2.8	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Manganese	370	B	0.56	0.082	mg/Kg	✧	12/29/21 10:36	12/30/21 19:51	1
Nickel	34		0.56	0.16	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Potassium	2200		28	10	mg/Kg	✧	12/29/21 10:36	12/30/21 19:51	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	12/29/21 10:36	12/30/21 19:51	1
Silver	0.46		0.28	0.073	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Sodium	1300		56	8.4	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Vanadium	21		0.28	0.067	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1
Zinc	61		1.1	0.50	mg/Kg	✧	12/29/21 10:36	12/29/21 21:13	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0060	mg/Kg	✧	12/23/21 13:10	12/27/21 08:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.6		0.2	0.2	SU			12/26/21 18:07	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021

Lab Sample ID: 500-210071-15

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0090	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Benzene	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Bromodichloromethane	<0.0021		0.0021	0.00042	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Bromoform	<0.0021		0.0021	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Bromomethane	<0.0052		0.0052	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Carbon disulfide	<0.0052		0.0052	0.0011	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Carbon tetrachloride	<0.0021		0.0021	0.00060	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Chlorobenzene	<0.0021		0.0021	0.00076	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Chloroethane	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Chloroform	<0.0021		0.0021	0.00072	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Chloromethane	<0.0052		0.0052	0.0021	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Dibromochloromethane	<0.0021		0.0021	0.00068	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,1-Dichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,2-Dichloroethane	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,1-Dichloroethene	<0.0021		0.0021	0.00071	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,2-Dichloropropane	<0.0021		0.0021	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,3-Dichloropropane, Total	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Ethylbenzene	<0.0021		0.0021	0.00099	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
2-Hexanone	<0.0052		0.0052	0.0016	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Methylene Chloride	<0.0052		0.0052	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
methyl isobutyl ketone	<0.0052		0.0052	0.0015	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Styrene	<0.0021		0.0021	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Tetrachloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Toluene	<0.0021		0.0021	0.00052	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00092	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00073	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00069	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00089	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Trichloroethene	<0.0021		0.0021	0.00070	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Vinyl chloride	<0.0021		0.0021	0.00091	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1
Xylenes, Total	<0.0041		0.0041	0.00066	mg/Kg	☼	12/20/21 15:32	12/27/21 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	12/20/21 15:32	12/27/21 18:29	1
Dibromofluoromethane (Surr)	120		75 - 126	12/20/21 15:32	12/27/21 18:29	1
1,2-Dichloroethane-d4 (Surr)	129		70 - 134	12/20/21 15:32	12/27/21 18:29	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 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	<0.19		0.19	0.042	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
1,3-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
1,4-Dichlorobenzene	<0.19		0.19	0.050	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021

Lab Sample ID: 500-210071-15

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 84.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.088	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,4,6-Trichlorophenol	<0.39	*	0.39	0.13	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,4-Dichlorophenol	<0.39		0.39	0.092	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,4-Dinitrotoluene	<0.19		0.19	0.062	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Methylnaphthalene	<0.078		0.078	0.0071	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
3 & 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
4-Nitrophenol	<0.78	*	0.78	0.37	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Acenaphthylene	0.0061	J	0.039	0.0051	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Anthracene	0.010	J	0.039	0.0065	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Benzo[a]anthracene	0.092		0.039	0.0052	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Benzo[a]pyrene	0.15	*3	0.039	0.0075	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Benzo[b]fluoranthene	0.24	*3	0.039	0.0084	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Benzo[g,h,i]perylene	0.062	*3	0.039	0.012	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Benzo[k]fluoranthene	0.090	*3	0.039	0.011	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.040	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Butyl benzyl phthalate	<0.19		0.19	0.074	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Carbazole	<0.19		0.19	0.097	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Chrysene	0.13		0.039	0.011	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Dibenz(a,h)anthracene	0.015	J *3	0.039	0.0075	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Diethyl phthalate	<0.19		0.19	0.066	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Dimethyl phthalate	<0.19		0.19	0.051	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Fluoranthene	0.25		0.039	0.0072	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Hexachlorobenzene	<0.078		0.078	0.0090	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☆	12/22/21 20:14	12/28/21 23:22	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021

Lab Sample ID: 500-210071-15

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 84.6

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	0.060	*3	0.039	0.010	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Isophorone	<0.19		0.19	0.044	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
N-Nitrosodiphenylamine	<0.19		0.19	0.046	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Phenanthrene	0.10		0.039	0.0054	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Pyrene	0.26		0.039	0.0077	mg/Kg	☼	12/22/21 20:14	12/28/21 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143				12/22/21 20:14	12/28/21 23:22	1
2-Fluorobiphenyl (Surr)	67		43 - 145				12/22/21 20:14	12/28/21 23:22	1
2-Fluorophenol (Surr)	107		31 - 166				12/22/21 20:14	12/28/21 23:22	1
Nitrobenzene-d5 (Surr)	67		37 - 147				12/22/21 20:14	12/28/21 23:22	1
Phenol-d5 (Surr)	81		30 - 153				12/22/21 20:14	12/28/21 23:22	1
Terphenyl-d14 (Surr)	95		42 - 157				12/22/21 20:14	12/28/21 23:22	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Barium	0.43	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 17:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 17:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 17:04	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Iron	0.21	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 17:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 17:04	1
Manganese	0.35		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 17:04	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:04	1
Zinc	<0.50		0.50	0.020	mg/L		12/29/21 08:43	12/30/21 17:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.089		0.050	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Barium	0.73		0.50	0.050	mg/L		12/29/21 08:44	12/30/21 21:05	1
Beryllium	0.0096		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 21:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 21:05	1
Chromium	0.23		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Cobalt	0.063		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Copper	0.23		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Iron	230	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 21:05	1
Lead	0.14		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 21:05	1
Manganese	0.77		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Nickel	0.27		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:05	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 21:05	1

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Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021

Lab Sample ID: 500-210071-15

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 84.6

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		12/29/21 08:44	12/30/21 21:05	1
Zinc	0.62		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 21:05	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.60	J	1.2	0.23	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Arsenic	8.3		0.58	0.20	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Barium	67		0.58	0.066	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Beryllium	0.92	B	0.23	0.054	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Cadmium	0.35	B	0.12	0.021	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Calcium	32000	B	12	2.0	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Chromium	18		0.58	0.29	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Cobalt	12		0.29	0.076	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Copper	24		0.58	0.16	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Iron	19000	B ^2	12	6.1	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Lead	35		0.29	0.13	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Magnesium	23000		5.8	2.9	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Manganese	360	B	0.58	0.084	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Nickel	29		0.58	0.17	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Potassium	2100		29	10	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Selenium	0.51	J	0.58	0.34	mg/Kg	☆	12/29/21 10:36	12/30/21 19:54	1
Silver	0.47		0.29	0.075	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Sodium	540		58	8.6	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Vanadium	22		0.29	0.069	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1
Zinc	67		1.2	0.51	mg/Kg	☆	12/29/21 10:36	12/29/21 21:16	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:46	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0059	mg/Kg	☆	12/23/21 13:10	12/27/21 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.8		0.2	0.2	SU			12/26/21 18:10	1

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021D

Lab Sample ID: 500-210071-16

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Trichloroethene	0.00065	J	0.0018	0.00061	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	12/20/21 15:32	12/27/21 18:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	12/20/21 15:32	12/27/21 18:54	1
Dibromofluoromethane (Surr)	124		75 - 126	12/20/21 15:32	12/27/21 18:54	1
1,2-Dichloroethane-d4 (Surr)	129		70 - 134	12/20/21 15:32	12/27/21 18:54	1
Toluene-d8 (Surr)	106		75 - 124	12/20/21 15:32	12/27/21 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	<0.20		0.20	0.042	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021D

Lab Sample ID: 500-210071-16

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.090	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,4,6-Trichlorophenol	<0.39	*	0.39	0.13	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
4-Nitrophenol	<0.79	*	0.79	0.37	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Acenaphthylene	0.0070	J	0.039	0.0052	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Benzo[a]anthracene	0.082		0.039	0.0053	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Benzo[a]pyrene	0.14	*3	0.039	0.0076	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Benzo[b]fluoranthene	0.21	*3	0.039	0.0085	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Benzo[g,h,i]perylene	0.054	*3	0.039	0.013	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Benzo[k]fluoranthene	0.074	*3	0.039	0.012	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Chrysene	0.10		0.039	0.011	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Dibenz(a,h)anthracene	0.013	J *3	0.039	0.0076	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Fluoranthene	0.12		0.039	0.0073	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☆	12/22/21 20:14	01/03/22 22:25	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021D

Lab Sample ID: 500-210071-16

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.051	*3	0.039	0.010	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Phenanthrene	0.024	J	0.039	0.0055	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Pyrene	0.22		0.039	0.0078	mg/Kg	☼	12/22/21 20:14	01/03/22 22:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143				12/22/21 20:14	01/03/22 22:25	1
2-Fluorobiphenyl (Surr)	74		43 - 145				12/22/21 20:14	01/03/22 22:25	1
2-Fluorophenol (Surr)	51		31 - 166				12/22/21 20:14	01/03/22 22:25	1
Nitrobenzene-d5 (Surr)	55		37 - 147				12/22/21 20:14	01/03/22 22:25	1
Phenol-d5 (Surr)	90		30 - 153				12/22/21 20:14	01/03/22 22:25	1
Terphenyl-d14 (Surr)	131		42 - 157				12/22/21 20:14	01/03/22 22:25	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Barium	0.42	J	0.50	0.050	mg/L		12/29/21 08:43	12/30/21 17:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/29/21 08:43	12/30/21 17:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:43	12/30/21 17:07	1
Chromium	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Cobalt	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Copper	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Iron	0.25	J B ^2	0.40	0.20	mg/L		12/29/21 08:43	12/30/21 17:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/29/21 08:43	12/30/21 17:07	1
Manganese	0.35		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Nickel	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:43	12/30/21 17:07	1
Silver	<0.025		0.025	0.010	mg/L		12/29/21 08:43	12/30/21 17:07	1
Zinc	<0.50		0.50	0.020	mg/L		12/29/21 08:43	12/30/21 17:07	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		12/29/21 08:44	12/30/21 21:08	1
Barium	0.60	F1	0.50	0.050	mg/L		12/29/21 08:44	12/30/21 21:08	1
Beryllium	0.0091		0.0040	0.0040	mg/L		12/29/21 08:44	12/30/21 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/29/21 08:44	12/30/21 21:08	1
Chromium	0.21		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:08	1
Cobalt	0.058		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:08	1
Copper	0.22		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:08	1
Iron	220	B ^2	0.40	0.20	mg/L		12/29/21 08:44	12/30/21 21:08	1
Lead	0.12		0.0075	0.0075	mg/L		12/29/21 08:44	12/30/21 21:08	1
Manganese	0.70		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:08	1
Nickel	0.23		0.025	0.010	mg/L		12/29/21 08:44	12/30/21 21:08	1
Selenium	<0.050		0.050	0.020	mg/L		12/29/21 08:44	12/30/21 21:08	1

Eurofins North Central, Chicago

Client Sample Results

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

Job ID: 500-210071-1

Client Sample ID: B7-14(0-1.5)-122021D

Lab Sample ID: 500-210071-16

Date Collected: 12/20/21 11:40

Matrix: Solid

Date Received: 12/20/21 13:45

Percent Solids: 82.5

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		12/29/21 08:44	12/30/21 21:08	1
Zinc	0.54		0.50	0.020	mg/L		12/29/21 08:44	12/30/21 21:08	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.64	J	1.1	0.22	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Arsenic	7.4		0.57	0.19	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Barium	64		0.57	0.065	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Beryllium	1.0	B	0.23	0.053	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Cadmium	0.32	B	0.11	0.020	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Calcium	30000	B	11	1.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Chromium	19		0.57	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Cobalt	14		0.28	0.074	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Copper	25		0.57	0.16	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Iron	20000	B ^2	11	5.9	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Lead	21		0.28	0.13	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Magnesium	20000		5.7	2.8	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Manganese	370	B	0.57	0.082	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Nickel	35		0.57	0.17	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Potassium	2500		28	10	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Selenium	0.50	J	0.57	0.33	mg/Kg	☼	12/29/21 10:36	12/30/21 19:57	1
Silver	0.50		0.28	0.073	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Sodium	580		57	8.4	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Thallium	<0.57		0.57	0.28	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Vanadium	22		0.28	0.067	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1
Zinc	66		1.1	0.50	mg/Kg	☼	12/29/21 10:36	12/29/21 21:20	1

Method: 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 09:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/23/21 09:45	12/27/21 10:49	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0061	mg/Kg	☼	12/23/21 13:10	12/27/21 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	9.0		0.2	0.2	SU			12/26/21 18:12	1

Definitions/Glossary

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

Job ID: 500-210071-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*3	ISTD response or retention time outside acceptable limits.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)

Eurofins North Central, Chicago

Definitions/Glossary

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

Job ID: 500-210071-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

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

Job ID: 500-210071-1

Laboratory: Eurofins North Central, Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-22

1

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Address _____

Regulatory Program DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A Slesers		Site Contact T Odenman		Date 12/20/21		COC No	
Company Name Weston Solutions		Tel/Email		Lab Contact R. Wright		Carrier		1 of 2 COCs	
Address 300 Knightsbridge PKY		 500-210071 COC							
City/State/Zip Lincolnshire IL 60069									
Phone 224-864-7201									
Fax									
Project Name DDT Job 027		Analysis Turnaround Time		Perform MS / MSD (Y / N) VOCs SVOCs Total Metals TCLP/SPLP Metals PH		Walk in Client <input checked="" type="checkbox"/> Lab Sampling <input type="checkbox"/>		Job / SDG No 500-210071	
Site Timber Park		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
P O # 02056016.027 0030		TAT if different from Below _____							
		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP/SPLP Metals	PH	Sample Specific Notes
1 B7-7(0-1.5)-122021	12/20/21	0915	G	S	6			X	X	X	X	X	
2 B7-7(0-1.5)-122021D		0915											
3 B7-6(0-2)-122021		0920											
4 B7-5(0-3)-122021		0925											
5 B7-4(0-3)-122021		0930											
6 B7-3(0-2)-122021		0935											
7 B7-2(0-1.5)-122021		0940											
8 B7-1(0-1.5)-122021		0945											
9 B7-8(0-1.5)-122021		1040											
10 B7-9(0-2)-122021		1050											
11 B7-10(0-3)-122021		1100											
12 B7-11(0-3)-122021		1110											

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other

Possible Hazard Identification		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample			
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown		<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months	

Special Instructions/QC Requirements & Comments
TCLP/SPLP Metals includes manganese + iron 59→5.8, 9.1

Custody Seals Intact Yes No Custody Seal No _____ Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by [Signature]	Company Weston	Date/Time 12/20/21 1345	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received by	Company	Date/Time
Relinquished by	Company	Date/Time	Received in Laboratory by [Signature]	Company env 47	Date/Time 12/20/21 1345

Chain of Custody Record 444089

Environment Testing
TestAmerica

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager A. Slesers		Site Contact T. Dierman		Date 12/20/21		COC No _____					
Company Name Weston Solutions		Tel/Email _____		Lab Contact R. Wright		Carrier _____		2 of 2 COCs					
Address 300 Knightsbridge Pkwy		Analysis Turnaround Time											
City/State/Zip Lincolnshire IL 60069		<input type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS		TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Phone 334-864-7201		<input type="checkbox"/> Filtered Sample (Y/N) <input type="checkbox"/> Perform MS / MSD (Y/N)		VDCs SVDCs Total Metals TCLP/SPLP Metals PH									
Fax _____													
Project Name 10DT Job 027													
Site Triley Park													
PO# 02056.016 027.0030		<input type="checkbox"/> Walk-in Client <input checked="" type="checkbox"/> Lab Sampling		Job / SDG No 500-210071		Sample Specific Notes							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.								
13 B7-12(0-2)-122021	12/20/21	1120	G	S	6					X	X	X	X
14 B7-13(0-1.5)-122021	↓	1130	↓	↓	6					↓	↓	↓	↓
15 B7-14(0-1.5)-122021	↓	1140	↓	↓	6					↓	↓	↓	↓
16 B7-14(0-1.5)-122021D	↓	1140	↓	↓	5					↓	↓	↓	↓
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)							
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						<input type="checkbox"/> Return to Client <input checked="" type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown													
Special Instructions/QC Requirements & Comments: TCLP/SPLP Metals includes manganese + iron													
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No _____		Cooler Temp (°C) Obs'd _____		Corr'd _____		Therm ID No _____					
Relinquished by Janice Thomas		Company Weston		Date/Time 12/20/21 1345		Received by _____		Company _____					
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____					
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by Paula Buhley		Company EMM CH					
								Date/Time 12/20/21 1345					