



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 80 - Interstate 80 - River Road Bridge Over I-80 Office Phone Number, if available: _____

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

River Road Bridge (ISGS SITE NO. 2233V2-1)

City: _____ State: IL Zip Code: _____

County: Will Township: Troy

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

Latitude: 41.85317 Longitude: - 88.21645
(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.): 2,430

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)]:

LOCATIONS RR-101, RR-102, RR-104, AND RR-106 THROUGH RR-110 WAS SAMPLED ADJACENT TO ISGS SITE No. 2233V2-1. SEE FIGURE 3-1 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 ID: 500-216571-1.
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 A. 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 A. Castillo, P.G.
Printed Name:

27 July 2022
Date:

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



Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-101	RR-101	RR-101	RR-102
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-101(0-5)-051222	RR-101(5-10)-051222	RR-101(10-15)-051222	RR-102(0-4)-051222
Lab Sample ID		500-216571-14	500-216571-15	500-216571-16	500-216571-17
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
Laboratory pH (s.u.)	<6.25; >9.0	7.3	7.5	7.4	8.3 J
VOCs (mg/kg)					
SVOCs (mg/kg)					
No Exceedances					
2-Methylnaphthalene	---	0.0072 J	0.0083 J	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND
Acenaphthene	570	0.0065 J	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND
Anthracene	12000	0.01 J	ND	ND	0.0073 J
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.069	0.029 J	ND	0.022 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.088	0.03 J	ND	0.031 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.15	0.064	ND	0.048
Benzo(g,h,i)perylene	---	0.054	0.024 J	ND	0.024 J
Benzo(k)fluoranthene	9	0.056	0.02 J	ND	0.017 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND
Chrysene	88	0.11	0.052	ND	0.042
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.01 J	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND
Fluoranthene	3100	0.21	0.074	ND	0.052
Fluorene	560	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.043	0.024 J	ND	0.017 J
Naphthalene	1.8	ND	ND	ND	ND
Phenanthrene	---	0.12	0.038	0.015 J	0.047
Pyrene	2300	0.21	0.078	0.015 J	0.066
Total Metals (mg/kg)					
Aluminum, Total		8200 B	8100 B	14000 B	8500 B
Antimony, Total	5	0.46 J	0.59 J	0.36 J	0.49 J
Arsenic, Total	11.3 / 13.0	7.7	7.4	6.2	7.4
Barium, Total	1500	30	37	78	33
Beryllium, Total	22	0.42	0.35	0.56	0.39
Cadmium, Total	5.2	ND	ND	ND	ND
Calcium, Total	---	82000 B	85000 B	22000 B	74000 B
Chromium, Total	21	13	12	16	13
Cobalt, Total	20	13	11	8.4	12
Copper, Total	2900	22 B	26 B	19 B	23 B
Iron, Total	15000 / 15900	18000 B	22000 B	18000 B	17000 B
Lead, Total	107	14	12	13	14
Magnesium, Total	325000	31000 B	47000 B	13000 B	30000 B
Manganese, Total	630 / 636	400	370	240	380
Mercury, Total	0.89	0.033 J	0.036 J	0.044 J	0.033 J
Nickel, Total	100	28	26	22	28
Potassium, Total	---	1900	1800	1300	1900
Selenium, Total	1.3	ND	ND	0.56 J	ND
Silver, Total	4.4	ND	ND	ND	ND
Sodium, Total	---	370 B	170 J	89 J	860 B
Thallium, Total	2.6	0.34 J	0.46 J	0.58 J	ND
Vanadium, Total	550	15	16	26	17
Zinc, Total	5100	52	49	50	52
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	ND	ND	ND
Barium, TCLP	2	0.23 J	0.4 J	0.89	0.5
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	0.0026 J
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	0.023 J	0.01 J	0.019 J	0.085
Copper, TCLP	0.65	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	ND	ND	ND
Manganese, TCLP	0.15	2.3	2.5	3.4	5.6
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	0.034	0.014 J	0.015 J	0.072
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	0.034 J	0.14 J	0.08 J	0.065 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-101	RR-101	RR-101	RR-102
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-101(0-5)-051222	RR-101(5-10)-051222	RR-101(10-15)-051222	RR-102(0-4)-051222
Lab Sample ID		500-216571-14	500-216571-15	500-216571-16	500-216571-17
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	ND	0.043 J	0.027 J	0.072
Barium, SPLP	2	ND	0.19 J	0.36 J	0.33 J
Beryllium, SPLP	0.004	ND	0.0041	ND	0.007
Cadmium, SPLP	0.005	ND	ND	ND	0.0021 J
Chromium, SPLP	0.1	ND	0.08	0.072	0.14
Cobalt, SPLP	1	ND	0.037	0.026	0.061
Copper, SPLP	0.65	ND	0.11	0.069	0.21
Iron, SPLP	5	ND	90	74	140
Lead, SPLP	0.0075	ND	0.051	0.041	0.075
Manganese, SPLP	0.15	0.019 J	0.53	0.4	0.73
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.11	0.068	0.19
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND
Zinc, SPLP	5	ND	0.22 J	0.19 J	0.38 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-104	RR-106	RR-106	RR-106
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-104(0-4)-051222	RR-106(0-5)-051222	RR-106(5-10)-051222	RR-106(10-15)-051222
Lab Sample ID		500-216571-18	500-216571-7	500-216571-8	500-216571-9
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
Laboratory pH (s.u.)	<6.25; >9.0	8.2	8.2	7.5	7.5
VOCs (mg/kg)					
SVOCs (mg/kg)					
No Exceedances					
2-Methylnaphthalene	---	ND	ND	0.019 J	0.016 J
3 & 4 Methylphenol	---	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.015 J	0.0058 J	ND	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.019 J	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.024 J	ND	ND	ND
Benzo(g,h,i)perylene	---	ND	0.017 J	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	0.096 J	ND	ND
Chrysene	88	0.026 J	0.023 J	0.015 J	0.016 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND
Fluoranthene	3100	0.02 J	0.011 J	ND	ND
Fluorene	560	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	0.012 J	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND
Phenanthrene	---	0.017 J	0.031 J	0.051	0.04
Pyrene	2300	0.035 J	0.025 J	0.024 J	0.02 J
Total Metals (mg/kg)					
Aluminum, Total		10000 B	8300 B	6900 B	8900 B
Antimony, Total	5	0.46 J	0.44 J	0.46 J	0.47 J
Arsenic, Total	11.3 / 13.0	7.4	7.1	6	7.5
Barium, Total	1500	44	28	23	52
Beryllium, Total	22	0.46	0.41	0.36	0.44
Cadmium, Total	5.2	ND	0.11 J	ND	ND
Calcium, Total	---	55000 B	73000 B	60000 B	57000 B
Chromium, Total	21	14	13	11	12
Cobalt, Total	20	14	11	9.1	10
Copper, Total	2900	22 B	20 B	19 B	19 B
Iron, Total	15000 / 15900	18000 B	17000 B	15000 B	17000 B
Lead, Total	107	13	13	9.3	12
Magnesium, Total	325000	25000 B	33000 B	25000 B	22000 B
Manganese, Total	630 / 636	490	360	290	440
Mercury, Total	0.89	0.036 J	0.036 J	0.034 J	0.051 J
Nickel, Total	100	31	27	22	23
Potassium, Total	---	2100	1800	1700	1600
Selenium, Total	1.3	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND
Sodium, Total	---	1000 B	750 B	220 J	100 J
Thallium, Total	2.6	0.4 J	0.32 J	ND	0.34 J
Vanadium, Total	550	19	15	13	16
Zinc, Total	5100	53	57	39	48
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	ND	ND	ND
Barium, TCLP	2	0.36 J	0.38 J	0.44 J	0.87
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0033 J	0.0029 J	0.0023 J	0.0021 J
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	0.082	0.083	0.073	0.056
Copper, TCLP	0.65	ND	ND	0.032	0.018 J
Iron, TCLP	5	0.27 J	ND	ND	0.4
Lead, TCLP	0.0075	ND	ND	ND	0.0084
Manganese, TCLP	0.15	5.6	4.6	5.3	8.3
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	0.063	0.06	0.082	0.057
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	0.022 J	0.12 J	0.036 J	0.041 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-104	RR-106	RR-106	RR-106
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-104(0-4)-051222	RR-106(0-5)-051222	RR-106(5-10)-051222	RR-106(10-15)-051222
Lab Sample ID		500-216571-18	500-216571-7	500-216571-8	500-216571-9
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	0.074	0.097	0.011 J	0.02 J
Barium, SPLP	2	0.36 J	0.49 J	0.15 J	0.28 J
Beryllium, SPLP	0.004	0.0067	0.0096	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND
Chromium, SPLP	0.1	0.13	0.18	0.06	0.06
Cobalt, SPLP	1	0.048	0.074	0.026	0.027
Copper, SPLP	0.65	0.18	0.27	0.053	0.064
Iron, SPLP	5	140	190	44	56
Lead, SPLP	0.0075	0.08	0.097	0.024	0.033
Manganese, SPLP	0.15	0.7	0.82	0.41	0.54
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	0.17	0.23	0.06	0.06
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND
Zinc, SPLP	5	0.33 J	0.46 J	0.1 J	0.12 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location		RR-107	RR-108	RR-108	RR-108
Sample Date	Soil Reference Concentrations ^A	5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-107(0-4)-051222	RR-108(0-5)-051222	RR-108(5-10)-051222	RR-108(10-15)-051222
Lab Sample ID		500-216571-19	500-216571-4	500-216571-5	500-216571-6
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
Laboratory pH (s.u.)	<6.25; >9.0	7.8	7.5	7.7	7.9
No Exceedances					
VOCs (mg/kg)					
SVOCs (mg/kg)					
2-Methylnaphthalene	---	0.0097 J	0.0092 J	0.013 J	0.014 J
3 & 4 Methylphenol	---	ND	ND	ND	ND
Acenaphthene	570	ND	ND	0.0093 J	ND
Acenaphthylene	---	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	ND	ND	0.0067 J	ND
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	ND	ND	ND	ND
Benzo(g,h,i)perylene	---	0.015 J	ND	0.022 J	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND
Chrysene	88	0.021 J	0.015 J	0.027 J	0.017 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND
Fluoranthene	3100	ND	ND	0.014 J	0.012 J
Fluorene	560	ND	ND	0.0073 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	ND
Phenanthrene	---	0.045	0.021 J	0.06	0.022 J
Pyrene	2300	0.03 J	0.011 J	0.038	0.017 J
Total Metals (mg/kg)					
Aluminum, Total		11000 B	8600 B	9000 B	9300 B
Antimony, Total	5	0.4 J	0.45 J	0.55 J	0.41 J
Arsenic, Total	11.3 / 13.0	7.2	7.8	7.8	6.7
Barium, Total	1500	39	33	31	56
Beryllium, Total	22	0.47	0.42	0.43	0.42
Cadmium, Total	5.2	ND	ND	ND	ND
Calcium, Total	---	60000 B	73000 B	70000 B	60000 B
Chromium, Total	21	16	13	13	12
Cobalt, Total	20	14	13	12	10
Copper, Total	2900	22 B	23 B	21 B	18 B
Iron, Total	15000 / 15900	20000 B	18000 B	18000 B	16000 B
Lead, Total	107	13	13	12	13
Magnesium, Total	325000	25000 B	30000 B	28000 B	26000 B
Manganese, Total	630 / 636	370	380	410	530
Mercury, Total	0.89	0.032 J	0.033 J	0.037 J	0.044 J
Nickel, Total	100	32	28	27	21
Potassium, Total	---	2700	1900	2100	1300
Selenium, Total	1.3	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND
Sodium, Total	---	860 B	460 B	200 J	110 J
Thallium, Total	2.6	0.32 J	0.5 J	0.34 J	ND
Vanadium, Total	550	18	16	18	18
Zinc, Total	5100	49	52	48	48
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	ND	ND	ND
Barium, TCLP	2	0.47 J	0.17 J	0.59	0.83
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0029 J	0.0023 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	0.024 J	0.077	0.059	0.06
Copper, TCLP	0.65	ND	ND	0.019 J	0.012 J
Iron, TCLP	5	ND	ND	0.24 J	4.4
Lead, TCLP	0.0075	ND	ND	ND	0.011
Manganese, TCLP	0.15	2.3	4.9	7.5	9.5
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	0.035	0.068	0.063	0.05
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	0.04 J	0.042 J	0.07 J	0.068 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-107	RR-108	RR-108	RR-108
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-107(0-4)-051222	RR-108(0-5)-051222	RR-108(5-10)-051222	RR-108(10-15)-051222
Lab Sample ID		500-216571-19	500-216571-4	500-216571-5	500-216571-6
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	0.051	ND	ND	0.026 J
Barium, SPLP	2	0.34 J	ND	0.13 J	0.34 J
Beryllium, SPLP	0.004	0.0066	ND	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND
Chromium, SPLP	0.1	0.13	ND	0.045	0.075
Cobalt, SPLP	1	0.062	ND	0.019 J	0.028
Copper, SPLP	0.65	0.16	ND	0.041	0.081
Iron, SPLP	5	120	0.53	34	72
Lead, SPLP	0.0075	0.07	ND	0.016	0.046
Manganese, SPLP	0.15	0.81	ND	0.39	0.6
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	0.18	ND	0.044	0.073
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND
Zinc, SPLP	5	0.29 J	ND	0.068 J	0.15 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-109	RR-110	RR-110	RR-110
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-109(0-4)-051222	RR-110(0-5)-051222	RR-110(5-10)-051222	RR-110(10-15)-051222
Lab Sample ID		500-216571-20	500-216571-1	500-216571-2	500-216571-3
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
Laboratory pH (s.u.)	<6.25; >9.0	7.8	7.5	7.4	7.5
VOCs (mg/kg)		No Exceedances			
SVOCs (mg/kg)					
2-Methylnaphthalene	---	ND	0.0073 J	ND	ND
3 & 4 Methylphenol	---	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 1.1 / 1.8	0.019 J	0.029 J	ND	0.013 J
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.02 J	0.043	ND	0.017 J
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	0.032 J	0.065 J	ND	0.021 J
Benzo(g,h,i)perylene	---	ND	0.036 J	ND	ND
Benzo(k)fluoranthene	9	0.013 J	0.019 J	ND	0.012 J
bis(2-Ethylhexyl)phthalate	46	ND	ND	ND	ND
Chrysene	88	0.031 J	0.05	ND	0.017 J
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	0.01 J	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND
Fluoranthene	3100	0.033 J	0.044	0.0097 J	0.011 J
Fluorene	560	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 0.9 / 1.6	ND	0.022 J	ND	ND
Naphthalene	1.8	ND	ND	ND	ND
Phenanthrene	---	0.024 J	0.039	0.0079 J	0.0057 J
Pyrene	2300	0.044	0.053	ND	0.011 J
Total Metals (mg/kg)					
Aluminum, Total		11000 B	9200 B	11000 B	7100 B
Antimony, Total	5	0.48 J	0.61 J	0.55 J	0.67 J
Arsenic, Total	11.3 / 13.0	8.5	9.1	8.1	8.1
Barium, Total	1500	54	78 J	100	39
Beryllium, Total	22	0.45	0.46	0.48	0.37
Cadmium, Total	5.2	ND	ND	ND	ND
Calcium, Total	---	49000 B	76000 B	56000 B	87000 B
Chromium, Total	21	13	13	14	11
Cobalt, Total	20	13	12	11	11
Copper, Total	2900	21 B	25 B	21 B	24 B
Iron, Total	15000 / 15900	19000 B	19000 B	19000 B	21000 B
Lead, Total	107	15	16 J	13	12
Magnesium, Total	325000	24000 B	30000 B	26000 B	52000
Manganese, Total	630 / 636	530	400	410	390
Mercury, Total	0.89	0.034 J	ND	ND	0.045 J
Nickel, Total	100	25	30	25	25
Potassium, Total	---	1400	2000 J	1400	1600
Selenium, Total	1.3	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND
Sodium, Total	---	670 B	970 B	220 J	200 J
Thallium, Total	2.6	0.79	ND	ND	0.43 J
Vanadium, Total	550	20	16	21	15
Zinc, Total	5100	54	54	55	52
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	ND	0.011 J	ND
Barium, TCLP	2	0.39 J	0.31 J	0.99	0.74
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.003 J	ND	0.003 J
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.095	0.023 J	0.082
Copper, TCLP	0.65	ND	ND	0.01 J	ND
Iron, TCLP	5	ND	ND	0.26 J	1.9
Lead, TCLP	0.0075	ND	ND	ND	ND
Manganese, TCLP	0.15	1.3	5.9	7.3	9.3
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	0.013 J	0.074	0.015 J	0.076
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.07 J	0.032 J	0.065 J

Summary Table of ISGS Site No. 2233V2-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - Interstate 80 (I-80) - River Road Bridge Over I-80
Will County, Illinois

Location	Soil Reference Concentrations ^A	RR-109	RR-110	RR-110	RR-110
Sample Date		5/12/2022	5/12/2022	5/12/2022	5/12/2022
Field Sample ID		RR-109(0-4)-051222	RR-110(0-5)-051222	RR-110(5-10)-051222	RR-110(10-15)-051222
Lab Sample ID		500-216571-20	500-216571-1	500-216571-2	500-216571-3
ISGS Site Number		2233V2-1	2233V2-1	2233V2-1	2233V2-1
Parameters					
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	0.061	0.041 J	0.028 J	0.013 J
Barium, SPLP	2	0.34 J	0.26 J	0.43 J	0.12 J
Beryllium, SPLP	0.004	0.0061	0.005	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND
Chromium, SPLP	0.1	0.12	0.098	0.082	0.036
Cobalt, SPLP	1	0.041	0.035	0.029	0.016 J
Copper, SPLP	0.65	0.16	0.12	0.091	0.055
Iron, SPLP	5	130	94	90	37
Lead, SPLP	0.0075	0.068	0.04	0.044	0.019
Manganese, SPLP	0.15	0.66	0.47	0.61	0.27
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	0.14	0.12	0.08	0.042
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND
Zinc, SPLP	5	0.33 J	0.22 J	0.22 J	0.1 J

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.

J - Estimated concentration.

ND - Constituent not detected above the reporting limit.

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

ANALYTICAL REPORT

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

Laboratory Job ID: 500-216571-1
Client Project/Site: IDOT - I-80 - WO 019

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

Attn: Mr. Andris Slesers



Authorized for release by:
5/31/2022 6:07:32 PM

Richard Wright, Senior Project Manager
(708)746-0045

Richard.Wright@et.eurofinsus.com

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

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

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(0-5)-051222

Lab Sample ID: 500-216571-1

Date Collected: 05/12/22 09:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0072	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	05/13/22 18:26	05/20/22 17:57	1
Dibromofluoromethane (Surr)	116		75 - 126	05/13/22 18:26	05/20/22 17:57	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/13/22 18:26	05/20/22 17:57	1
Toluene-d8 (Surr)	119		75 - 124	05/13/22 18:26	05/20/22 17:57	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	☼	05/24/22 14:11	05/25/22 12:49	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(0-5)-051222

Lab Sample ID: 500-216571-1

Date Collected: 05/12/22 09:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Methylnaphthalene	0.0073	J	0.075	0.0069	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
3,3'-Dichlorobenzidine	<0.19	F1	0.19	0.052	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
4-Nitrophenol	<0.75		0.75	0.36	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Benzo[a]anthracene	0.029	J	0.037	0.0050	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Benzo[a]pyrene	0.043		0.037	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Benzo[b]fluoranthene	0.065	F1	0.037	0.0081	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Benzo[g,h,i]perylene	0.036	J F1	0.037	0.012	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Benzo[k]fluoranthene	0.019	J F1	0.037	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Chrysene	0.050		0.037	0.010	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Dibenz(a,h)anthracene	0.010	J	0.037	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Fluoranthene	0.044		0.037	0.0069	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Hexachlorobenzene	<0.075		0.075	0.0087	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Hexachlorocyclopentadiene	<0.75	F1	0.75	0.21	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1
Hexachloroethane	<0.19	F1	0.19	0.057	mg/Kg	✳	05/24/22 14:11	05/25/22 12:49	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(0-5)-051222

Lab Sample ID: 500-216571-1

Date Collected: 05/12/22 09:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.022	J	0.037	0.0097	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Phenanthrene	0.039		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Pyrene	0.053		0.037	0.0074	mg/Kg	☼	05/24/22 14:11	05/25/22 12:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		31 - 143				05/24/22 14:11	05/25/22 12:49	1
2-Fluorobiphenyl (Surr)	88		43 - 145				05/24/22 14:11	05/25/22 12:49	1
2-Fluorophenol (Surr)	102		31 - 166				05/24/22 14:11	05/25/22 12:49	1
Nitrobenzene-d5 (Surr)	72		37 - 147				05/24/22 14:11	05/25/22 12:49	1
Phenol-d5 (Surr)	97		30 - 153				05/24/22 14:11	05/25/22 12:49	1
Terphenyl-d14 (Surr)	107		42 - 157				05/24/22 14:11	05/25/22 12:49	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		05/18/22 22:48	05/19/22 19:18	1
Barium	0.31	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:18	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:18	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Cobalt	0.095		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:18	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 13:36	1
Manganese	5.9		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Nickel	0.074		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:18	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:18	1
Zinc	0.070	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.041	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:16	1
Barium	0.26	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:16	1
Beryllium	0.0050		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:16	1
Chromium	0.098		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:16	1
Cobalt	0.035		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:16	1
Copper	0.12		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:16	1
Iron	94		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:16	1
Lead	0.040		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 16:32	1
Manganese	0.47		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 16:32	1
Nickel	0.12		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:16	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(0-5)-051222

Lab Sample ID: 500-216571-1

Date Collected: 05/12/22 09:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.3

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		05/19/22 07:56	05/20/22 15:16	1
Zinc	0.22	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200	B	11	4.4	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Antimony	0.61	J F1	1.1	0.21	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Arsenic	9.1		0.54	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Barium	78	F1	0.54	0.062	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Beryllium	0.46		0.22	0.051	mg/Kg	☆	05/18/22 15:05	05/20/22 17:56	1
Cadmium	0.036	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Calcium	76000	B	54	9.2	mg/Kg	☆	05/18/22 15:05	05/20/22 19:30	5
Chromium	13		0.54	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Cobalt	12		0.27	0.071	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Copper	25	B	0.54	0.15	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Iron	19000	B	11	5.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Lead	16	F1	0.27	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Magnesium	30000	B	5.4	2.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Manganese	400		0.54	0.079	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Nickel	30		0.54	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Potassium	2000	F1 F2	27	9.6	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Selenium	<0.54	F1	0.54	0.32	mg/Kg	☆	05/18/22 15:05	05/20/22 17:56	1
Silver	<0.27	F1	0.27	0.070	mg/Kg	☆	05/18/22 15:05	05/20/22 17:56	1
Sodium	970	B	54	8.1	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Vanadium	16		0.27	0.064	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	1
Zinc	54		1.1	0.48	mg/Kg	☆	05/18/22 15:05	05/19/22 18:04	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		05/19/22 15:45	05/20/22 13:50	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		05/19/22 11:10	05/20/22 12:21	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 07:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:13	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(5-10)-051222

Lab Sample ID: 500-216571-2

Date Collected: 05/12/22 09:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 78.7

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	☼	05/13/22 18:26	05/20/22 18:21	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Carbon disulfide	<0.0045		0.0045	0.00095	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/13/22 18:26	05/20/22 18:21	1
Dibromofluoromethane (Surr)	112		75 - 126	05/13/22 18:26	05/20/22 18:21	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	05/13/22 18:26	05/20/22 18:21	1
Toluene-d8 (Surr)	109		75 - 124	05/13/22 18:26	05/20/22 18:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
1,2-Dichlorobenzene	<0.21		0.21	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
1,3-Dichlorobenzene	<0.21		0.21	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
1,4-Dichlorobenzene	<0.21		0.21	0.054	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(5-10)-051222

Lab Sample ID: 500-216571-2

Date Collected: 05/12/22 09:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 78.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.42		0.42	0.096	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,4,6-Trichlorophenol	<0.42		0.42	0.14	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,4-Dichlorophenol	<0.42		0.42	0.10	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,4-Dimethylphenol	<0.42		0.42	0.16	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,4-Dinitrophenol	<0.85		0.85	0.74	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,4-Dinitrotoluene	<0.21		0.21	0.067	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2,6-Dinitrotoluene	<0.21		0.21	0.083	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Chloronaphthalene	<0.21		0.21	0.047	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Chlorophenol	<0.21		0.21	0.072	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Methylnaphthalene	<0.085		0.085	0.0077	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Methylphenol	<0.21		0.21	0.068	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Nitroaniline	<0.21		0.21	0.057	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
2-Nitrophenol	<0.42		0.42	0.10	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
3 & 4 Methylphenol	<0.21		0.21	0.070	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
3-Nitroaniline	<0.42		0.42	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.34	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.056	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Chloro-3-methylphenol	<0.42		0.42	0.14	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Chloroaniline	<0.85		0.85	0.20	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Nitroaniline	<0.42		0.42	0.18	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
4-Nitrophenol	<0.85		0.85	0.40	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Acenaphthene	<0.042		0.042	0.0076	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Acenaphthylene	<0.042		0.042	0.0056	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Anthracene	<0.042		0.042	0.0070	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Benzo[a]anthracene	<0.042		0.042	0.0057	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Benzo[a]pyrene	<0.042		0.042	0.0082	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Benzo[b]fluoranthene	<0.042		0.042	0.0091	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Benzo[g,h,i]perylene	<0.042		0.042	0.014	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Benzo[k]fluoranthene	<0.042		0.042	0.012	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.063	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.077	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Butyl benzyl phthalate	<0.21		0.21	0.080	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Carbazole	<0.21		0.21	0.11	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Chrysene	<0.042		0.042	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Dibenz(a,h)anthracene	<0.042		0.042	0.0081	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Dibenzofuran	<0.21		0.21	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Diethyl phthalate	<0.21		0.21	0.071	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Dimethyl phthalate	<0.21		0.21	0.055	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Di-n-butyl phthalate	<0.21		0.21	0.064	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Di-n-octyl phthalate	<0.21		0.21	0.069	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Fluoranthene	0.0097	J	0.042	0.0078	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Fluorene	<0.042		0.042	0.0059	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Hexachlorobenzene	<0.085		0.085	0.0098	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Hexachlorobutadiene	<0.21		0.21	0.066	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Hexachlorocyclopentadiene	<0.85		0.85	0.24	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1
Hexachloroethane	<0.21		0.21	0.064	mg/Kg	✳	05/24/22 14:11	05/25/22 13:59	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(5-10)-051222

Lab Sample ID: 500-216571-2

Date Collected: 05/12/22 09:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 78.7

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	<0.042		0.042	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Isophorone	<0.21		0.21	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Naphthalene	<0.042		0.042	0.0065	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Nitrobenzene	<0.042		0.042	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
N-Nitrosodiphenylamine	<0.21		0.21	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Pentachlorophenol	<0.85		0.85	0.68	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Phenanthrene	0.0079	J	0.042	0.0059	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Phenol	<0.21		0.21	0.094	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1
Pyrene	<0.042		0.042	0.0084	mg/Kg	☼	05/24/22 14:11	05/25/22 13:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		31 - 143	05/24/22 14:11	05/25/22 13:59	1
2-Fluorobiphenyl (Surr)	87		43 - 145	05/24/22 14:11	05/25/22 13:59	1
2-Fluorophenol (Surr)	100		31 - 166	05/24/22 14:11	05/25/22 13:59	1
Nitrobenzene-d5 (Surr)	75		37 - 147	05/24/22 14:11	05/25/22 13:59	1
Phenol-d5 (Surr)	94		30 - 153	05/24/22 14:11	05/25/22 13:59	1
Terphenyl-d14 (Surr)	114		42 - 157	05/24/22 14:11	05/25/22 13:59	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Barium	0.99		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 18:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 18:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 18:30	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Cobalt	0.023	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Copper	0.010	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Iron	0.26	J	0.40	0.20	mg/L		05/18/22 22:48	05/19/22 18:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/19/22 18:30	1
Manganese	7.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Nickel	0.015	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 18:30	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:30	1
Zinc	0.032	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.028	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:19	1
Barium	0.43	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:19	1
Chromium	0.082		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:19	1
Cobalt	0.029		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:19	1
Copper	0.091		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:19	1
Iron	90		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:19	1
Lead	0.044		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 16:36	1
Manganese	0.61		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 16:36	1
Nickel	0.080		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:19	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(5-10)-051222

Lab Sample ID: 500-216571-2

Date Collected: 05/12/22 09:05

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 78.7

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		05/19/22 07:56	05/20/22 15:19	1
Zinc	0.22	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000	B	12	5.0	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Antimony	0.55	J	1.2	0.24	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Arsenic	8.1		0.61	0.21	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Barium	100		0.61	0.070	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Beryllium	0.48		0.25	0.057	mg/Kg	☆	05/18/22 15:05	05/20/22 18:12	1
Cadmium	0.056	J B	0.12	0.022	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Calcium	56000	B	61	10	mg/Kg	☆	05/18/22 15:05	05/20/22 19:56	5
Chromium	14		0.61	0.30	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Cobalt	11		0.31	0.081	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Copper	21	B	0.61	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Iron	19000	B	12	6.4	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Lead	13		0.31	0.14	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Magnesium	26000	B	6.1	3.0	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Manganese	410		0.61	0.089	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Nickel	25		0.61	0.18	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Potassium	1400		31	11	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Selenium	<0.61		0.61	0.36	mg/Kg	☆	05/18/22 15:05	05/20/22 18:12	1
Silver	<0.31		0.31	0.079	mg/Kg	☆	05/18/22 15:05	05/20/22 18:12	1
Sodium	220	B	61	9.1	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Thallium	<0.61		0.61	0.31	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Vanadium	21		0.31	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	1
Zinc	55		1.2	0.54	mg/Kg	☆	05/18/22 15:05	05/19/22 18:30	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		05/19/22 15:45	05/20/22 13:23	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		05/19/22 11:10	05/20/22 12:23	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	B	0.021	0.0068	mg/Kg	☆	05/18/22 15:15	05/19/22 07:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.2	0.2	SU			05/17/22 21:15	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(10-15)-051222

Lab Sample ID: 500-216571-3

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.027		0.016	0.0071	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Carbon disulfide	0.00089 J		0.0040	0.00084	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☼	05/13/22 18:26	05/20/22 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	05/13/22 18:26	05/20/22 18:46	1
Dibromofluoromethane (Surr)	116		75 - 126	05/13/22 18:26	05/20/22 18:46	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/13/22 18:26	05/20/22 18:46	1
Toluene-d8 (Surr)	111		75 - 124	05/13/22 18:26	05/20/22 18:46	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	☼	05/24/22 14:11	05/25/22 14:22	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(10-15)-051222

Lab Sample ID: 500-216571-3

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2,6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Methylnaphthalene	<0.076		0.076	0.0069	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
2-Nitrophenol	<0.37		0.37	0.089	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Acenaphthene	<0.037		0.037	0.0068	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Acenaphthylene	<0.037		0.037	0.0050	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Anthracene	<0.037		0.037	0.0063	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Benzo[a]anthracene	0.013 J		0.037	0.0051	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Benzo[a]pyrene	0.017 J		0.037	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Benzo[b]fluoranthene	0.021 J		0.037	0.0081	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Benzo[k]fluoranthene	0.012 J		0.037	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Carbazole	<0.19		0.19	0.094	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Chrysene	0.017 J		0.037	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Fluoranthene	0.011 J		0.037	0.0070	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Fluorene	<0.037		0.037	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Hexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(10-15)-051222

Lab Sample ID: 500-216571-3

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.7

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	<0.037		0.037	0.0097	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Naphthalene	<0.037		0.037	0.0058	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Nitrobenzene	<0.037		0.037	0.0094	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Pentachlorophenol	<0.76		0.76	0.60	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Phenanthrene	0.0057	J	0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Pyrene	0.011	J	0.037	0.0075	mg/Kg	☼	05/24/22 14:11	05/25/22 14:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		31 - 143				05/24/22 14:11	05/25/22 14:22	1
2-Fluorobiphenyl (Surr)	93		43 - 145				05/24/22 14:11	05/25/22 14:22	1
2-Fluorophenol (Surr)	104		31 - 166				05/24/22 14:11	05/25/22 14:22	1
Nitrobenzene-d5 (Surr)	77		37 - 147				05/24/22 14:11	05/25/22 14:22	1
Phenol-d5 (Surr)	102		30 - 153				05/24/22 14:11	05/25/22 14:22	1
Terphenyl-d14 (Surr)	118		42 - 157				05/24/22 14:11	05/25/22 14:22	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		05/18/22 22:48	05/19/22 19:21	1
Barium	0.74		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:21	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:21	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Cobalt	0.082		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Iron	1.9		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 13:53	1
Manganese	9.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Nickel	0.076		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:21	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:21	1
Zinc	0.065	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:22	1
Barium	0.12	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:22	1
Chromium	0.036		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:22	1
Cobalt	0.016	J	0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:22	1
Copper	0.055		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:22	1
Iron	37		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:22	1
Lead	0.019		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 16:39	1
Manganese	0.27		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 16:39	1
Nickel	0.042		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:22	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:22	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-110(10-15)-051222

Lab Sample ID: 500-216571-3

Date Collected: 05/12/22 09:10

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.7

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		05/19/22 07:56	05/20/22 15:22	1
Zinc	0.10	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:22	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100	B	11	4.5	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Antimony	0.67	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Arsenic	8.1		0.56	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Barium	39		2.8	0.32	mg/Kg	☆	05/18/22 15:05	05/20/22 19:59	5
Beryllium	0.37		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 18:15	1
Cadmium	0.10	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Calcium	87000	B	56	9.4	mg/Kg	☆	05/18/22 15:05	05/20/22 19:59	5
Chromium	11		0.56	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Cobalt	11		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Copper	24	B	0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Iron	21000	B	56	29	mg/Kg	☆	05/18/22 15:05	05/20/22 19:59	5
Lead	12		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Magnesium	52000		28	14	mg/Kg	☆	05/18/22 15:05	05/20/22 19:59	5
Manganese	390		0.56	0.080	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Nickel	25		0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Potassium	1600		28	9.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:15	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/20/22 18:15	1
Sodium	200	B	56	8.2	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Thallium	0.43	J	0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Vanadium	15		0.28	0.066	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	1
Zinc	52		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 18:33	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		05/19/22 15:45	05/20/22 13:53	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		05/19/22 11:10	05/20/22 12:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045	B	0.018	0.0060	mg/Kg	☆	05/18/22 15:15	05/19/22 07:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:18	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(0-5)-051222

Lab Sample ID: 500-216571-4

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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	☼	05/13/22 18:26	05/20/22 19:11	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 19:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	05/13/22 18:26	05/20/22 19:11	1
Dibromofluoromethane (Surr)	117		75 - 126	05/13/22 18:26	05/20/22 19:11	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	05/13/22 18:26	05/20/22 19:11	1
Toluene-d8 (Surr)	117		75 - 124	05/13/22 18:26	05/20/22 19:11	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	☼	05/24/22 14:11	05/25/22 14:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(0-5)-051222

Lab Sample ID: 500-216571-4

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,4-Dinitrophenol	<0.74		0.74	0.65	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Methylnaphthalene	0.0092	J	0.074	0.0068	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.30	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Chloroaniline	<0.74		0.74	0.17	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
4-Nitrophenol	<0.74		0.74	0.35	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Acenaphthene	<0.037		0.037	0.0066	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Benzo[a]pyrene	<0.037		0.037	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Benzo[g,h,i]perylene	<0.037		0.037	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.055	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.067	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Carbazole	<0.19		0.19	0.092	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Chrysene	0.015	J	0.037	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Fluoranthene	<0.037		0.037	0.0068	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Hexachlorobenzene	<0.074		0.074	0.0086	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Hexachlorocyclopentadiene	<0.74		0.74	0.21	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(0-5)-051222

Lab Sample ID: 500-216571-4

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.0096	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Isophorone	<0.19		0.19	0.041	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Pentachlorophenol	<0.74		0.74	0.59	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Phenanthrene	0.021	J	0.037	0.0051	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Pyrene	0.011	J	0.037	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143				05/24/22 14:11	05/25/22 14:46	1
2-Fluorobiphenyl (Surr)	89		43 - 145				05/24/22 14:11	05/25/22 14:46	1
2-Fluorophenol (Surr)	103		31 - 166				05/24/22 14:11	05/25/22 14:46	1
Nitrobenzene-d5 (Surr)	79		37 - 147				05/24/22 14:11	05/25/22 14:46	1
Phenol-d5 (Surr)	101		30 - 153				05/24/22 14:11	05/25/22 14:46	1
Terphenyl-d14 (Surr)	119		42 - 157				05/24/22 14:11	05/25/22 14:46	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		05/18/22 22:48	05/19/22 19:24	1
Barium	0.17	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:24	1
Cadmium	0.0029	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:24	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Cobalt	0.077		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:24	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 13:56	1
Manganese	4.9		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Nickel	0.068		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:24	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:24	1
Zinc	0.042	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:25	1
Barium	<0.50		0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:25	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:25	1
Cobalt	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:25	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:25	1
Iron	0.53		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 16:42	1
Manganese	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 16:42	1
Nickel	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:25	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:25	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(0-5)-051222

Lab Sample ID: 500-216571-4

Date Collected: 05/12/22 09:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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		05/19/22 07:56	05/20/22 15:25	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:25	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600	B	11	4.5	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Antimony	0.45	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Arsenic	7.8		0.55	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Barium	33		0.55	0.063	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Beryllium	0.42		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 18:18	1
Cadmium	0.056	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Calcium	73000	B	55	9.4	mg/Kg	☆	05/18/22 15:05	05/20/22 20:02	5
Chromium	13		0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Cobalt	13		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Copper	23	B	0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Iron	18000	B	11	5.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Lead	13		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Magnesium	30000	B	5.5	2.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Manganese	380		0.55	0.080	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Nickel	28		0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Potassium	1900		28	9.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Selenium	<0.55		0.55	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:18	1
Silver	<0.28		0.28	0.071	mg/Kg	☆	05/18/22 15:05	05/20/22 18:18	1
Sodium	460	B	55	8.2	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Thallium	0.50	J	0.55	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Vanadium	16		0.28	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	1
Zinc	52		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 18:36	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		05/19/22 15:45	05/20/22 13:55	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		05/19/22 11:10	05/20/22 12:27	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.018	0.0059	mg/Kg	☆	05/18/22 15:15	05/19/22 07:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:20	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(5-10)-051222

Lab Sample ID: 500-216571-5

Date Collected: 05/12/22 09:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	✳	05/13/22 18:26	05/20/22 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		75 - 131	05/13/22 18:26	05/20/22 19:35	1
Dibromofluoromethane (Surr)	116		75 - 126	05/13/22 18:26	05/20/22 19:35	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/13/22 18:26	05/20/22 19:35	1
Toluene-d8 (Surr)	116		75 - 124	05/13/22 18:26	05/20/22 19:35	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	✳	05/24/22 14:11	05/25/22 15:09	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
1,4-Dichlorobenzene	<0.19		0.19	0.047	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(5-10)-051222

Lab Sample ID: 500-216571-5

Date Collected: 05/12/22 09:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.084	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,4-Dinitrophenol	<0.75		0.75	0.65	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Chlorophenol	<0.19		0.19	0.063	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Methylnaphthalene	0.013	J	0.075	0.0068	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Methylphenol	<0.19		0.19	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
2-Nitrophenol	<0.37		0.37	0.087	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
3-Nitroaniline	<0.37		0.37	0.11	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Nitroaniline	<0.37		0.37	0.15	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Acenaphthene	0.0093	J	0.037	0.0067	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Benzo[a]anthracene	0.0067	J	0.037	0.0050	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Benzo[a]pyrene	<0.037		0.037	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Benzo[b]fluoranthene	<0.037		0.037	0.0080	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Benzo[g,h,i]perylene	0.022	J	0.037	0.012	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Benzo[k]fluoranthene	<0.037		0.037	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Butyl benzyl phthalate	<0.19		0.19	0.070	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Carbazole	<0.19		0.19	0.093	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Chrysene	0.027	J	0.037	0.010	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Dibenzofuran	<0.19		0.19	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Dimethyl phthalate	<0.19		0.19	0.048	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Di-n-butyl phthalate	<0.19		0.19	0.056	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Di-n-octyl phthalate	<0.19		0.19	0.060	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Fluoranthene	0.014	J	0.037	0.0069	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Fluorene	0.0073	J	0.037	0.0052	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1
Hexachloroethane	<0.19		0.19	0.056	mg/Kg	✳	05/24/22 14:11	05/25/22 15:09	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(5-10)-051222

Lab Sample ID: 500-216571-5

Date Collected: 05/12/22 09:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.5

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	<0.037		0.037	0.0096	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Nitrobenzene	<0.037		0.037	0.0092	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Pentachlorophenol	<0.75		0.75	0.59	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Phenanthrene	0.060		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Phenol	<0.19		0.19	0.082	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Pyrene	0.038		0.037	0.0074	mg/Kg	☼	05/24/22 14:11	05/25/22 15:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		31 - 143				05/24/22 14:11	05/25/22 15:09	1
2-Fluorobiphenyl (Surr)	90		43 - 145				05/24/22 14:11	05/25/22 15:09	1
2-Fluorophenol (Surr)	104		31 - 166				05/24/22 14:11	05/25/22 15:09	1
Nitrobenzene-d5 (Surr)	75		37 - 147				05/24/22 14:11	05/25/22 15:09	1
Phenol-d5 (Surr)	104		30 - 153				05/24/22 14:11	05/25/22 15:09	1
Terphenyl-d14 (Surr)	129		42 - 157				05/24/22 14:11	05/25/22 15:09	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		05/18/22 22:48	05/19/22 19:28	1
Barium	0.59		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:28	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:28	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Cobalt	0.059		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Copper	0.019	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Iron	0.24	J	0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:28	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 13:59	1
Manganese	7.5		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Nickel	0.063		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:28	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:28	1
Zinc	0.070	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:38	1
Barium	0.13	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:38	1
Chromium	0.045		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:38	1
Cobalt	0.019	J	0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:38	1
Copper	0.041		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:38	1
Iron	34		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:38	1
Lead	0.016		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:01	1
Manganese	0.39		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:01	1
Nickel	0.044		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:38	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(5-10)-051222

Lab Sample ID: 500-216571-5

Date Collected: 05/12/22 09:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.5

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		05/19/22 07:56	05/20/22 15:38	1
Zinc	0.068	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:38	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9000	B	11	4.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Antimony	0.55	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Arsenic	7.8		0.57	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Barium	31		0.57	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Beryllium	0.43		0.23	0.053	mg/Kg	☆	05/18/22 15:05	05/20/22 18:28	1
Cadmium	0.036	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Calcium	70000	B	57	9.6	mg/Kg	☆	05/18/22 15:05	05/20/22 20:06	5
Chromium	13		0.57	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Cobalt	12		0.28	0.075	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Copper	21	B	0.57	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Iron	18000	B	11	5.9	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Lead	12		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Magnesium	28000	B	5.7	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Manganese	410		0.57	0.083	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Nickel	27		0.57	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Potassium	2100		28	10	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:28	1
Silver	<0.28		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/20/22 18:28	1
Sodium	200	B	57	8.4	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Thallium	0.34	J	0.57	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Vanadium	16		0.28	0.067	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	1
Zinc	48		1.1	0.50	mg/Kg	☆	05/18/22 15:05	05/19/22 18:40	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		05/19/22 15:45	05/20/22 14:03	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		05/19/22 11:10	05/20/22 12:34	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037	B	0.017	0.0058	mg/Kg	☆	05/18/22 15:15	05/19/22 07:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.7		0.2	0.2	SU			05/17/22 21:23	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(10-15)-051222

Lab Sample ID: 500-216571-6

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 81.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.040		0.020	0.0088	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Methylene Chloride	<0.0050		0.0050	0.0020	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Methyl Ethyl Ketone	0.0085		0.0050	0.0022	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00089	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Trichloroethene	<0.0020		0.0020	0.00068	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Vinyl chloride	<0.0020		0.0020	0.00089	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	☼	05/13/22 18:26	05/20/22 20:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	05/13/22 18:26	05/20/22 20:00	1
Dibromofluoromethane (Surr)	114		75 - 126	05/13/22 18:26	05/20/22 20:00	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/13/22 18:26	05/20/22 20:00	1
Toluene-d8 (Surr)	114		75 - 124	05/13/22 18:26	05/20/22 20:00	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	☼	05/24/22 14:11	05/25/22 15:32	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(10-15)-051222

Lab Sample ID: 500-216571-6

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/13/22 11:20

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	<0.39		0.39	0.090	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,4-Dinitrophenol	<0.80		0.80	0.70	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2,6-Dinitrotoluene	<0.20		0.20	0.078	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Methylnaphthalene	0.014	J	0.080	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.32	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Chloroaniline	<0.80		0.80	0.19	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Nitroaniline	<0.39		0.39	0.17	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
4-Nitrophenol	<0.80		0.80	0.38	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Benzo[a]pyrene	<0.039		0.039	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Benzo[b]fluoranthene	<0.039		0.039	0.0085	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Benzo[g,h,i]perylene	<0.039		0.039	0.013	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Benzo[k]fluoranthene	<0.039		0.039	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Carbazole	<0.20		0.20	0.099	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Chrysene	0.017	J	0.039	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Dimethyl phthalate	<0.20		0.20	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Fluoranthene	0.012	J	0.039	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Hexachlorobenzene	<0.080		0.080	0.0091	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Hexachlorocyclopentadiene	<0.80		0.80	0.23	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(10-15)-051222

Lab Sample ID: 500-216571-6

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/13/22 11:20

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	<0.039		0.039	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
N-Nitrosodiphenylamine	<0.20		0.20	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Pentachlorophenol	<0.80		0.80	0.63	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Phenanthrene	0.022	J	0.039	0.0055	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1
Pyrene	0.017	J	0.039	0.0078	mg/Kg	☼	05/24/22 14:11	05/25/22 15:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		31 - 143	05/24/22 14:11	05/25/22 15:32	1
2-Fluorobiphenyl (Surr)	90		43 - 145	05/24/22 14:11	05/25/22 15:32	1
2-Fluorophenol (Surr)	105		31 - 166	05/24/22 14:11	05/25/22 15:32	1
Nitrobenzene-d5 (Surr)	77		37 - 147	05/24/22 14:11	05/25/22 15:32	1
Phenol-d5 (Surr)	105		30 - 153	05/24/22 14:11	05/25/22 15:32	1
Terphenyl-d14 (Surr)	134		42 - 157	05/24/22 14:11	05/25/22 15:32	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Barium	0.83		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:31	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Cobalt	0.060		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Copper	0.012	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Iron	4.4		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:31	1
Lead	0.011		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:03	1
Manganese	9.5		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Nickel	0.050		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:31	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:31	1
Zinc	0.068	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:41	1
Barium	0.34	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:41	1
Chromium	0.075		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:41	1
Cobalt	0.028		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:41	1
Copper	0.081		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:41	1
Iron	72		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:41	1
Lead	0.046		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:04	1
Manganese	0.60		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:04	1
Nickel	0.073		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:41	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:41	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-108(10-15)-051222

Lab Sample ID: 500-216571-6

Date Collected: 05/12/22 09:30

Matrix: Solid

Date Received: 05/13/22 11:20

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		05/19/22 07:56	05/20/22 15:41	1
Zinc	0.15	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:41	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300	B	12	4.9	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Antimony	0.41	J	1.2	0.23	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Arsenic	6.7		0.60	0.20	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Barium	56		0.60	0.068	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Beryllium	0.42		0.24	0.056	mg/Kg	☆	05/18/22 15:05	05/20/22 18:31	1
Cadmium	0.055	J B	0.12	0.021	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Calcium	60000	B	60	10	mg/Kg	☆	05/18/22 15:05	05/20/22 20:09	5
Chromium	12		0.60	0.30	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Cobalt	10		0.30	0.078	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Copper	18	B	0.60	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Iron	16000	B	12	6.2	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Lead	13		0.30	0.14	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Magnesium	26000	B	6.0	3.0	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Manganese	530		0.60	0.086	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Nickel	21		0.60	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Potassium	1300		30	11	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Selenium	<0.60		0.60	0.35	mg/Kg	☆	05/18/22 15:05	05/20/22 18:31	1
Silver	<0.30		0.30	0.077	mg/Kg	☆	05/18/22 15:05	05/20/22 18:31	1
Sodium	110	B	60	8.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Vanadium	18		0.30	0.070	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	1
Zinc	48		1.2	0.52	mg/Kg	☆	05/18/22 15:05	05/19/22 18:43	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		05/19/22 15:45	05/20/22 14:06	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		05/19/22 11:10	05/20/22 12:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	B	0.018	0.0062	mg/Kg	☆	05/18/22 15:15	05/19/22 07:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.9		0.2	0.2	SU			05/17/22 21:25	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(0-5)-051222

Lab Sample ID: 500-216571-7

Date Collected: 05/12/22 09:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	05/13/22 18:26	05/20/22 20:24	1
Dibromofluoromethane (Surr)	117		75 - 126	05/13/22 18:26	05/20/22 20:24	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	05/13/22 18:26	05/20/22 20:24	1
Toluene-d8 (Surr)	115		75 - 124	05/13/22 18:26	05/20/22 20:24	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	☼	05/24/22 14:11	05/25/22 15:56	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
1,4-Dichlorobenzene	<0.20		0.20	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(0-5)-051222

Lab Sample ID: 500-216571-7

Date Collected: 05/12/22 09:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.089	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,4,6-Trichlorophenol	<0.39		0.39	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,4-Dichlorophenol	<0.39		0.39	0.093	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,4-Dinitrotoluene	<0.20		0.20	0.062	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Chloronaphthalene	<0.20		0.20	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Nitroaniline	<0.20		0.20	0.052	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
2-Nitrophenol	<0.39		0.39	0.092	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
3 & 4 Methylphenol	<0.20		0.20	0.065	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.31	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Acenaphthene	<0.039		0.039	0.0070	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Acenaphthylene	<0.039		0.039	0.0051	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Anthracene	<0.039		0.039	0.0065	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Benzo[a]anthracene	0.0058	J	0.039	0.0052	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Benzo[a]pyrene	<0.039		0.039	0.0075	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Benzo[b]fluoranthene	<0.039		0.039	0.0084	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Benzo[g,h,i]perylene	0.017	J	0.039	0.013	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Benzo[k]fluoranthene	<0.039		0.039	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.058	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Bis(2-ethylhexyl) phthalate	0.096	J	0.20	0.071	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Butyl benzyl phthalate	<0.20		0.20	0.074	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Carbazole	<0.20		0.20	0.097	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Chrysene	0.023	J	0.039	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Dibenz(a,h)anthracene	<0.039		0.039	0.0075	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Diethyl phthalate	<0.20		0.20	0.066	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Di-n-butyl phthalate	<0.20		0.20	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Fluoranthene	0.011	J	0.039	0.0072	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Hexachlorobenzene	<0.079		0.079	0.0090	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Hexachlorobutadiene	<0.20		0.20	0.061	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Hexachlorocyclopentadiene	<0.79		0.79	0.22	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1
Hexachloroethane	<0.20		0.20	0.059	mg/Kg	✳	05/24/22 14:11	05/25/22 15:56	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(0-5)-051222

Lab Sample ID: 500-216571-7

Date Collected: 05/12/22 09:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Naphthalene	<0.039		0.039	0.0060	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Nitrobenzene	<0.039		0.039	0.0097	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Phenanthrene	0.031	J	0.039	0.0054	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Phenol	<0.20		0.20	0.087	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Pyrene	0.025	J	0.039	0.0077	mg/Kg	☼	05/24/22 14:11	05/25/22 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143				05/24/22 14:11	05/25/22 15:56	1
2-Fluorobiphenyl (Surr)	92		43 - 145				05/24/22 14:11	05/25/22 15:56	1
2-Fluorophenol (Surr)	110		31 - 166				05/24/22 14:11	05/25/22 15:56	1
Nitrobenzene-d5 (Surr)	78		37 - 147				05/24/22 14:11	05/25/22 15:56	1
Phenol-d5 (Surr)	109		30 - 153				05/24/22 14:11	05/25/22 15:56	1
Terphenyl-d14 (Surr)	135		42 - 157				05/24/22 14:11	05/25/22 15:56	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		05/18/22 22:48	05/19/22 19:35	1
Barium	0.38	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:35	1
Cadmium	0.0029	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:35	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Cobalt	0.083		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:35	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:06	1
Manganese	4.6		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Nickel	0.060		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:35	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:35	1
Zinc	0.12	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.097		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:50	1
Barium	0.49	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:50	1
Beryllium	0.0096		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:50	1
Chromium	0.18		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:50	1
Cobalt	0.074		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:50	1
Copper	0.27		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:50	1
Iron	190		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:50	1
Lead	0.097		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:07	1
Manganese	0.82		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:07	1
Nickel	0.23		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:50	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:50	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(0-5)-051222

Lab Sample ID: 500-216571-7

Date Collected: 05/12/22 09:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.1

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		05/19/22 07:56	05/20/22 15:50	1
Zinc	0.46	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:50	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8300	B	11	4.6	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Antimony	0.44	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Arsenic	7.1		0.57	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Barium	28		0.57	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Beryllium	0.41		0.23	0.053	mg/Kg	☆	05/18/22 15:05	05/20/22 18:35	1
Cadmium	0.11	B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Calcium	73000	B	57	9.6	mg/Kg	☆	05/18/22 15:05	05/20/22 20:12	5
Chromium	13		0.57	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Cobalt	11		0.28	0.074	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Copper	20	B	0.57	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Iron	17000	B	11	5.9	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Lead	13		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Magnesium	33000	B	5.7	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Manganese	360		0.57	0.082	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Nickel	27		0.57	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Potassium	1800		28	10	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:35	1
Silver	<0.28		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/20/22 18:35	1
Sodium	750	B	57	8.4	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Thallium	0.32	J	0.57	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Vanadium	15		0.28	0.067	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	1
Zinc	57		1.1	0.50	mg/Kg	☆	05/18/22 15:05	05/19/22 18:46	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		05/19/22 15:45	05/20/22 14:08	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		05/19/22 11:10	05/20/22 12:38	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	B	0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 07:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			05/17/22 21:28	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(5-10)-051222

Lab Sample ID: 500-216571-8

Date Collected: 05/12/22 09:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.021		0.016	0.0070	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Carbon disulfide	0.00084 J		0.0040	0.00084	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,3-Dichloropropane, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	05/13/22 18:26	05/20/22 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		75 - 131	05/13/22 18:26	05/20/22 20:49	1
Dibromofluoromethane (Surr)	117		75 - 126	05/13/22 18:26	05/20/22 20:49	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	05/13/22 18:26	05/20/22 20:49	1
Toluene-d8 (Surr)	116		75 - 124	05/13/22 18:26	05/20/22 20:49	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	☼	05/24/22 14:11	05/25/22 16:19	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(5-10)-051222

Lab Sample ID: 500-216571-8

Date Collected: 05/12/22 09:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.086	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,4-Dinitrophenol	<0.76		0.76	0.67	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Methylnaphthalene	0.019	J	0.076	0.0070	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.30	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Chloroaniline	<0.76		0.76	0.18	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
4-Nitrophenol	<0.76		0.76	0.36	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Benzo[a]anthracene	<0.038		0.038	0.0051	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Benzo[a]pyrene	<0.038		0.038	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Benzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Carbazole	<0.19		0.19	0.095	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Chrysene	0.015	J	0.038	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Fluoranthene	<0.038		0.038	0.0070	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Hexachlorobenzene	<0.076		0.076	0.0088	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Hexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(5-10)-051222

Lab Sample ID: 500-216571-8

Date Collected: 05/12/22 09:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Pentachlorophenol	<0.76		0.76	0.61	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Phenanthrene	0.051		0.038	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1
Pyrene	0.024	J	0.038	0.0075	mg/Kg	☼	05/24/22 14:11	05/25/22 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	05/24/22 14:11	05/25/22 16:19	1
2-Fluorobiphenyl (Surr)	86		43 - 145	05/24/22 14:11	05/25/22 16:19	1
2-Fluorophenol (Surr)	102		31 - 166	05/24/22 14:11	05/25/22 16:19	1
Nitrobenzene-d5 (Surr)	73		37 - 147	05/24/22 14:11	05/25/22 16:19	1
Phenol-d5 (Surr)	99		30 - 153	05/24/22 14:11	05/25/22 16:19	1
Terphenyl-d14 (Surr)	126		42 - 157	05/24/22 14:11	05/25/22 16:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Barium	0.44	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:45	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:45	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Cobalt	0.073		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Copper	0.032		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:09	1
Manganese	5.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Nickel	0.082		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:45	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:45	1
Zinc	0.036	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.011	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:54	1
Barium	0.15	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:54	1
Chromium	0.060		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:54	1
Cobalt	0.026		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:54	1
Copper	0.053		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:54	1
Iron	44		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:54	1
Lead	0.024		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:10	1
Manganese	0.41		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:10	1
Nickel	0.060		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:54	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:54	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(5-10)-051222

Lab Sample ID: 500-216571-8

Date Collected: 05/12/22 09:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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		05/19/22 07:56	05/20/22 15:54	1
Zinc	0.10	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:54	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6900	B	11	4.5	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Antimony	0.46	J	1.1	0.21	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Arsenic	6.0		0.55	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Barium	23		0.55	0.063	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Beryllium	0.36		0.22	0.051	mg/Kg	☆	05/18/22 15:05	05/20/22 18:38	1
Cadmium	0.024	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Calcium	60000	B	55	9.3	mg/Kg	☆	05/18/22 15:05	05/20/22 20:15	5
Chromium	11		0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Cobalt	9.1		0.27	0.072	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Copper	19	B	0.55	0.15	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Iron	15000	B	11	5.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Lead	9.3		0.27	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Magnesium	25000	B	5.5	2.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Manganese	290		0.55	0.080	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Nickel	22		0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Potassium	1700		27	9.7	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	05/18/22 15:05	05/20/22 18:38	1
Silver	<0.27		0.27	0.071	mg/Kg	☆	05/18/22 15:05	05/20/22 18:38	1
Sodium	220	B	55	8.1	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Vanadium	13		0.27	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	1
Zinc	39		1.1	0.48	mg/Kg	☆	05/18/22 15:05	05/19/22 18:49	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		05/19/22 15:45	05/20/22 14:10	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		05/19/22 11:10	05/20/22 12:44	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	B	0.018	0.0058	mg/Kg	☆	05/18/22 15:15	05/19/22 07:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:30	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(10-15)-051222

Lab Sample ID: 500-216571-9

Date Collected: 05/12/22 09:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.017		0.017	0.0075	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Benzene	0.00078	J	0.0017	0.00044	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Carbon disulfide	0.0013	J	0.0043	0.00089	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Ethylbenzene	<0.0017		0.0017	0.00082	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00076	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Vinyl chloride	<0.0017		0.0017	0.00076	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1
Xylenes, Total	<0.0034		0.0034	0.00055	mg/Kg	✱	05/13/22 18:26	05/20/22 21:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	05/13/22 18:26	05/20/22 21:13	1
Dibromofluoromethane (Surr)	114		75 - 126	05/13/22 18:26	05/20/22 21:13	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	05/13/22 18:26	05/20/22 21:13	1
Toluene-d8 (Surr)	118		75 - 124	05/13/22 18:26	05/20/22 21:13	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	✱	05/24/22 14:11	05/25/22 16:43	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✱	05/24/22 14:11	05/25/22 16:43	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✱	05/24/22 14:11	05/25/22 16:43	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✱	05/24/22 14:11	05/25/22 16:43	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.045	mg/Kg	✱	05/24/22 14:11	05/25/22 16:43	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(10-15)-051222

Lab Sample ID: 500-216571-9

Date Collected: 05/12/22 09:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.088	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,4-Dinitrophenol	<0.78		0.78	0.68	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2,6-Dinitrotoluene	<0.19		0.19	0.076	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Chloronaphthalene	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Chlorophenol	<0.19		0.19	0.066	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Methylnaphthalene	0.016	J	0.078	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Nitroaniline	<0.19		0.19	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
2-Nitrophenol	<0.38		0.38	0.091	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.31	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Chloroaniline	<0.78		0.78	0.18	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
4-Nitrophenol	<0.78		0.78	0.37	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Acenaphthylene	<0.038		0.038	0.0051	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Benzo[a]anthracene	<0.038		0.038	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Benzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Benzo[b]fluoranthene	<0.038		0.038	0.0083	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Benzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Benzo[k]fluoranthene	<0.038		0.038	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Carbazole	<0.19		0.19	0.096	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Chrysene	0.016	J	0.038	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Di-n-butyl phthalate	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Di-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Fluoranthene	<0.038		0.038	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Hexachlorobenzene	<0.078		0.078	0.0089	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Hexachlorobutadiene	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Hexachlorocyclopentadiene	<0.78		0.78	0.22	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Hexachloroethane	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(10-15)-051222

Lab Sample ID: 500-216571-9

Date Collected: 05/12/22 09:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Nitrobenzene	<0.038		0.038	0.0096	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Pentachlorophenol	<0.78		0.78	0.62	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Phenanthrene	0.040		0.038	0.0054	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Phenol	<0.19		0.19	0.086	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1
Pyrene	0.020	J	0.038	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143	05/24/22 14:11	05/25/22 16:43	1
2-Fluorobiphenyl (Surr)	87		43 - 145	05/24/22 14:11	05/25/22 16:43	1
2-Fluorophenol (Surr)	101		31 - 166	05/24/22 14:11	05/25/22 16:43	1
Nitrobenzene-d5 (Surr)	73		37 - 147	05/24/22 14:11	05/25/22 16:43	1
Phenol-d5 (Surr)	100		30 - 153	05/24/22 14:11	05/25/22 16:43	1
Terphenyl-d14 (Surr)	132		42 - 157	05/24/22 14:11	05/25/22 16:43	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Barium	0.87		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:48	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:48	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Cobalt	0.056		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Copper	0.018	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Iron	0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:48	1
Lead	0.0084		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:12	1
Manganese	8.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Nickel	0.057		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:48	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:48	1
Zinc	0.041	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.020	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 15:57	1
Barium	0.28	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 15:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 15:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 15:57	1
Chromium	0.060		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:57	1
Cobalt	0.027		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:57	1
Copper	0.064		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:57	1
Iron	56		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 15:57	1
Lead	0.033		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:13	1
Manganese	0.54		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:13	1
Nickel	0.060		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 15:57	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 15:57	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-106(10-15)-051222

Lab Sample ID: 500-216571-9

Date Collected: 05/12/22 09:50

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.0

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		05/19/22 07:56	05/20/22 15:57	1
Zinc	0.12	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 15:57	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8900	B	11	4.6	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Antimony	0.47	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Arsenic	7.5		0.56	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Barium	52		0.56	0.064	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Beryllium	0.44		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 18:41	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Calcium	57000	B	56	9.5	mg/Kg	☆	05/18/22 15:05	05/20/22 20:18	5
Chromium	12		0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Cobalt	10		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Copper	19	B	0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Iron	17000	B	11	5.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Lead	12		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Magnesium	22000	B	5.6	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Manganese	440		0.56	0.081	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Nickel	23		0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Potassium	1600		28	9.9	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:41	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/20/22 18:41	1
Sodium	100	B	56	8.3	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Thallium	0.34	J	0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Vanadium	16		0.28	0.066	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	1
Zinc	48		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 18:53	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		05/19/22 15:45	05/20/22 14:12	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		05/19/22 11:10	05/20/22 12:47	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051	B	0.019	0.0062	mg/Kg	☆	05/18/22 15:15	05/19/22 07:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:33	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(0-5)-051222

Lab Sample ID: 500-216571-14

Date Collected: 05/12/22 10:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Methylene Chloride	<0.0045		0.0045	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Tetrachloroethene	<0.0018	+	0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 14:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/13/22 18:26	05/23/22 14:31	1
Dibromofluoromethane (Surr)	103		75 - 126	05/13/22 18:26	05/23/22 14:31	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/13/22 18:26	05/23/22 14:31	1
Toluene-d8 (Surr)	100		75 - 124	05/13/22 18:26	05/23/22 14:31	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	☼	05/24/22 14:11	05/26/22 18:19	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(0-5)-051222

Lab Sample ID: 500-216571-14

Date Collected: 05/12/22 10:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 87.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Chlorophenol	<0.18		0.18	0.061	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Methylnaphthalene	0.0072	J	0.073	0.0066	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Nitroaniline	<0.18		0.18	0.048	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Acenaphthene	0.0065	J	0.036	0.0065	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Acenaphthylene	<0.036		0.036	0.0047	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Anthracene	0.010	J	0.036	0.0060	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Benzo[a]anthracene	0.069		0.036	0.0048	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Benzo[a]pyrene	0.088		0.036	0.0070	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Benzo[b]fluoranthene	0.15		0.036	0.0078	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Benzo[g,h,i]perylene	0.054		0.036	0.012	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Benzo[k]fluoranthene	0.056		0.036	0.011	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Carbazole	<0.18		0.18	0.090	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Chrysene	0.11		0.036	0.0098	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Dibenz(a,h)anthracene	0.010	J	0.036	0.0070	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Fluoranthene	0.21		0.036	0.0067	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Hexachlorobenzene	<0.073		0.073	0.0083	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	✳	05/24/22 14:11	05/26/22 18:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(0-5)-051222

Lab Sample ID: 500-216571-14

Date Collected: 05/12/22 10:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 87.1

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	0.043		0.036	0.0093	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Phenanthrene	0.12		0.036	0.0050	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Pyrene	0.21		0.036	0.0072	mg/Kg	☼	05/24/22 14:11	05/26/22 18:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		31 - 143				05/24/22 14:11	05/26/22 18:19	1
2-Fluorobiphenyl (Surr)	77		43 - 145				05/24/22 14:11	05/26/22 18:19	1
2-Fluorophenol (Surr)	102		31 - 166				05/24/22 14:11	05/26/22 18:19	1
Nitrobenzene-d5 (Surr)	67		37 - 147				05/24/22 14:11	05/26/22 18:19	1
Phenol-d5 (Surr)	107		30 - 153				05/24/22 14:11	05/26/22 18:19	1
Terphenyl-d14 (Surr)	115		42 - 157				05/24/22 14:11	05/26/22 18:19	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Barium	0.23	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 18:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 18:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 18:47	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Cobalt	0.023	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 18:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/19/22 18:47	1
Manganese	2.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Nickel	0.034		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 18:47	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:47	1
Zinc	0.034	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 16:13	1
Barium	<0.50		0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:13	1
Chromium	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:13	1
Cobalt	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:13	1
Copper	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:13	1
Iron	<0.40		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:36	1
Manganese	0.019	J	0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:36	1
Nickel	<0.025		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:13	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:13	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(0-5)-051222

Lab Sample ID: 500-216571-14

Date Collected: 05/12/22 10:20

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 87.1

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		05/19/22 07:56	05/20/22 16:13	1
Zinc	<0.50		0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:13	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8200	B	11	4.6	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Antimony	0.46	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Arsenic	7.7		0.56	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Barium	30		0.56	0.064	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Beryllium	0.42		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 18:58	1
Cadmium	0.067	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Calcium	82000	B	56	9.5	mg/Kg	☆	05/18/22 15:05	05/20/22 19:19	5
Chromium	13		0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Cobalt	13		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Copper	22	B	0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Iron	18000	B	11	5.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Lead	14		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Magnesium	31000	B	5.6	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Manganese	400		0.56	0.081	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Nickel	28		0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Potassium	1900		28	9.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 18:58	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/20/22 18:58	1
Sodium	370	B	56	8.3	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Thallium	0.34	J	0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Vanadium	15		0.28	0.066	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	1
Zinc	52		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 19:19	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		05/19/22 15:45	05/20/22 13:36	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		05/19/22 11:10	05/20/22 12:57	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.018	0.0060	mg/Kg	☆	05/18/22 15:15	05/19/22 07:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.3		0.2	0.2	SU			05/17/22 21:50	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(5-10)-051222

Lab Sample ID: 500-216571-15

Date Collected: 05/12/22 10:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0084	J	0.017	0.0076	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Tetrachloroethene	<0.0017	*+	0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00074	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Vinyl chloride	<0.0017		0.0017	0.00077	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1
Xylenes, Total	<0.0035		0.0035	0.00055	mg/Kg	☼	05/13/22 18:26	05/23/22 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		75 - 131	05/13/22 18:26	05/23/22 14:56	1
Dibromofluoromethane (Surr)	110		75 - 126	05/13/22 18:26	05/23/22 14:56	1
1,2-Dichloroethane-d4 (Surr)	121		70 - 134	05/13/22 18:26	05/23/22 14:56	1
Toluene-d8 (Surr)	101		75 - 124	05/13/22 18:26	05/23/22 14:56	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	☼	05/24/22 14:11	05/26/22 18:42	1
1,2-Dichlorobenzene	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(5-10)-051222

Lab Sample ID: 500-216571-15

Date Collected: 05/12/22 10:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,4-Dichlorophenol	<0.37		0.37	0.088	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Methylnaphthalene	0.0083	J	0.075	0.0068	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Chloroaniline	<0.75		0.75	0.17	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Benzo[a]anthracene	0.029	J	0.037	0.0050	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Benzo[a]pyrene	0.030	J	0.037	0.0072	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Benzo[b]fluoranthene	0.064		0.037	0.0080	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Benzo[g,h,i]perylene	0.024	J	0.037	0.012	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Benzo[k]fluoranthene	0.020	J	0.037	0.011	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Chrysene	0.052		0.037	0.010	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0072	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Fluoranthene	0.074		0.037	0.0069	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Hexachlorobutadiene	<0.19		0.19	0.058	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(5-10)-051222

Lab Sample ID: 500-216571-15

Date Collected: 05/12/22 10:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.024	J	0.037	0.0096	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.045	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Phenanthrene	0.038		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Pyrene	0.078		0.037	0.0074	mg/Kg	☼	05/24/22 14:11	05/26/22 18:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143				05/24/22 14:11	05/26/22 18:42	1
2-Fluorobiphenyl (Surr)	82		43 - 145				05/24/22 14:11	05/26/22 18:42	1
2-Fluorophenol (Surr)	99		31 - 166				05/24/22 14:11	05/26/22 18:42	1
Nitrobenzene-d5 (Surr)	68		37 - 147				05/24/22 14:11	05/26/22 18:42	1
Phenol-d5 (Surr)	96		30 - 153				05/24/22 14:11	05/26/22 18:42	1
Terphenyl-d14 (Surr)	124		42 - 157				05/24/22 14:11	05/26/22 18:42	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		05/18/22 22:48	05/19/22 18:50	1
Barium	0.40	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 18:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 18:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 18:50	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Cobalt	0.010	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 18:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 13:33	1
Manganese	2.5		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Nickel	0.014	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 18:50	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:50	1
Zinc	0.14	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 18:50	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		05/19/22 07:56	05/20/22 16:16	1
Barium	0.19	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:16	1
Beryllium	0.0041		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:16	1
Chromium	0.080		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:16	1
Cobalt	0.037		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:16	1
Copper	0.11		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:16	1
Iron	90		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:16	1
Lead	0.051		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:39	1
Manganese	0.53		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:39	1
Nickel	0.11		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:16	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:16	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(5-10)-051222

Lab Sample ID: 500-216571-15

Date Collected: 05/12/22 10:25

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.2

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		05/19/22 07:56	05/20/22 16:16	1
Zinc	0.22	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:16	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100	B	11	4.5	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Antimony	0.59	J	1.1	0.21	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Arsenic	7.4		0.55	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Barium	37		2.8	0.31	mg/Kg	☆	05/18/22 15:05	05/20/22 19:22	5
Beryllium	0.35		0.22	0.051	mg/Kg	☆	05/18/22 15:05	05/20/22 19:11	1
Cadmium	0.039	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Calcium	85000	B	55	9.3	mg/Kg	☆	05/18/22 15:05	05/20/22 19:22	5
Chromium	12		0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Cobalt	11		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Copper	26	B	0.55	0.15	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Iron	22000	B	55	29	mg/Kg	☆	05/18/22 15:05	05/20/22 19:22	5
Lead	12		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Magnesium	47000	B	28	14	mg/Kg	☆	05/18/22 15:05	05/20/22 19:22	5
Manganese	370		0.55	0.080	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Nickel	26		0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Potassium	1800		28	9.7	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	05/18/22 15:05	05/20/22 19:11	1
Silver	<0.28		0.28	0.071	mg/Kg	☆	05/18/22 15:05	05/20/22 19:11	1
Sodium	170	B	55	8.1	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Thallium	0.46	J	0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Vanadium	16		0.28	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	1
Zinc	49		1.1	0.48	mg/Kg	☆	05/18/22 15:05	05/19/22 19:22	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		05/19/22 15:45	05/20/22 13:38	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		05/19/22 11:10	05/20/22 12:59	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	B	0.019	0.0062	mg/Kg	☆	05/18/22 15:15	05/19/22 07:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.5		0.2	0.2	SU			05/17/22 21:52	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(10-15)-051222

Lab Sample ID: 500-216571-16

Date Collected: 05/12/22 10:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0091	J	0.017	0.0072	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Carbon disulfide	<0.0042		0.0042	0.00086	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Methylene Chloride	<0.0042		0.0042	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Tetrachloroethene	<0.0017	*+	0.0017	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 15:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	05/13/22 18:26	05/23/22 15:22	1
Dibromofluoromethane (Surr)	113		75 - 126	05/13/22 18:26	05/23/22 15:22	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/13/22 18:26	05/23/22 15:22	1
Toluene-d8 (Surr)	101		75 - 124	05/13/22 18:26	05/23/22 15:22	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	☼	05/24/22 14:11	05/25/22 19:28	1
1,2-Dichlorobenzene	<0.20		0.20	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
1,3-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
1,4-Dichlorobenzene	<0.20		0.20	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(10-15)-051222

Lab Sample ID: 500-216571-16

Date Collected: 05/12/22 10:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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	0.090	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,4,6-Trichlorophenol	<0.39		0.39	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,4-Dichlorophenol	<0.39		0.39	0.094	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,4-Dimethylphenol	<0.39		0.39	0.15	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,4-Dinitrophenol	<0.79		0.79	0.69	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,4-Dinitrotoluene	<0.20		0.20	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2,6-Dinitrotoluene	<0.20		0.20	0.077	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Chloronaphthalene	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Chlorophenol	<0.20		0.20	0.067	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Methylnaphthalene	<0.079		0.079	0.0072	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Methylphenol	<0.20		0.20	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Nitroaniline	<0.20		0.20	0.053	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
2-Nitrophenol	<0.39		0.39	0.093	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
3 & 4 Methylphenol	<0.20		0.20	0.066	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.055	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
3-Nitroaniline	<0.39		0.39	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.32	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Chloro-3-methylphenol	<0.39		0.39	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Chloroaniline	<0.79		0.79	0.18	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Nitroaniline	<0.39		0.39	0.16	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
4-Nitrophenol	<0.79		0.79	0.37	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Acenaphthene	<0.039		0.039	0.0071	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Acenaphthylene	<0.039		0.039	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Anthracene	<0.039		0.039	0.0066	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Benzo[a]anthracene	<0.039		0.039	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Benzo[a]pyrene	<0.039	*3	0.039	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Benzo[b]fluoranthene	<0.039	*3	0.039	0.0085	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Benzo[g,h,i]perylene	<0.039	*3	0.039	0.013	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Benzo[k]fluoranthene	<0.039	*3	0.039	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.040	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.072	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Butyl benzyl phthalate	<0.20		0.20	0.075	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Carbazole	<0.20		0.20	0.098	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Chrysene	<0.039		0.039	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Dibenz(a,h)anthracene	<0.039	*3	0.039	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Dibenzofuran	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Dimethyl phthalate	<0.20		0.20	0.051	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Di-n-butyl phthalate	<0.20		0.20	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Di-n-octyl phthalate	<0.20		0.20	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Fluoranthene	<0.039		0.039	0.0073	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Fluorene	<0.039		0.039	0.0055	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Hexachlorobenzene	<0.079		0.079	0.0091	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Hexachlorobutadiene	<0.20		0.20	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Hexachlorocyclopentadiene	<0.79		0.79	0.23	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Hexachloroethane	<0.20		0.20	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(10-15)-051222

Lab Sample ID: 500-216571-16

Date Collected: 05/12/22 10:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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	<0.039	*3	0.039	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Isophorone	<0.20		0.20	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Naphthalene	<0.039		0.039	0.0061	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Nitrobenzene	<0.039		0.039	0.0098	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
N-Nitrosodiphenylamine	<0.20		0.20	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Pentachlorophenol	<0.79		0.79	0.63	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Phenanthrene	0.015	J	0.039	0.0055	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Phenol	<0.20		0.20	0.088	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Pyrene	0.015	J	0.039	0.0078	mg/Kg	☼	05/24/22 14:11	05/25/22 19:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		31 - 143				05/24/22 14:11	05/25/22 19:28	1
2-Fluorobiphenyl (Surr)	81		43 - 145				05/24/22 14:11	05/25/22 19:28	1
2-Fluorophenol (Surr)	100		31 - 166				05/24/22 14:11	05/25/22 19:28	1
Nitrobenzene-d5 (Surr)	68		37 - 147				05/24/22 14:11	05/25/22 19:28	1
Phenol-d5 (Surr)	91		30 - 153				05/24/22 14:11	05/25/22 19:28	1
Terphenyl-d14 (Surr)	160	S1+	42 - 157				05/24/22 14:11	05/25/22 19:28	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		05/18/22 22:48	05/19/22 18:54	1
Barium	0.89		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 18:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 18:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 18:54	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Cobalt	0.019	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 18:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/19/22 18:54	1
Manganese	3.4		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Nickel	0.015	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 18:54	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 18:54	1
Zinc	0.080	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.027	J	0.050	0.010	mg/L		05/19/22 07:56	05/20/22 16:19	1
Barium	0.36	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:19	1
Chromium	0.072		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:19	1
Cobalt	0.026		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:19	1
Copper	0.069		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:19	1
Iron	74		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:19	1
Lead	0.041		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:42	1
Manganese	0.40		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:42	1
Nickel	0.068		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:19	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:19	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-101(10-15)-051222

Lab Sample ID: 500-216571-16

Date Collected: 05/12/22 10:30

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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		05/19/22 07:56	05/20/22 16:19	1
Zinc	0.19	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:19	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000	B	12	4.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Antimony	0.36	J	1.2	0.23	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Arsenic	6.2		0.59	0.20	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Barium	78		0.59	0.068	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Beryllium	0.56		0.24	0.055	mg/Kg	☆	05/18/22 15:05	05/20/22 19:14	1
Cadmium	0.030	J B	0.12	0.021	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Calcium	22000	B	12	2.0	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Chromium	16		0.59	0.29	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Cobalt	8.4		0.30	0.078	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Copper	19	B	0.59	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Iron	18000	B	12	6.2	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Lead	13		0.30	0.14	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Magnesium	13000	B	5.9	2.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Manganese	240		0.59	0.086	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Nickel	22		0.59	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Potassium	1300		30	11	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Selenium	0.56	J	0.59	0.35	mg/Kg	☆	05/18/22 15:05	05/20/22 19:14	1
Silver	<0.30		0.30	0.077	mg/Kg	☆	05/18/22 15:05	05/20/22 19:14	1
Sodium	89	B	59	8.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Thallium	0.58	J	0.59	0.30	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Vanadium	26		0.30	0.070	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	1
Zinc	50		1.2	0.52	mg/Kg	☆	05/18/22 15:05	05/19/22 19:25	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		05/19/22 15:45	05/20/22 13:40	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		05/19/22 11:10	05/20/22 13:01	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.044	B	0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 07:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.4		0.2	0.2	SU			05/17/22 21:55	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-102(0-4)-051222

Lab Sample ID: 500-216571-17

Date Collected: 05/12/22 10:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Bromomethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Carbon disulfide	<0.0038		0.0038	0.00080	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Tetrachloroethene	<0.0015	+	0.0015	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	05/13/22 18:26	05/23/22 15:48	1
Dibromofluoromethane (Surr)	109		75 - 126	05/13/22 18:26	05/23/22 15:48	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	05/13/22 18:26	05/23/22 15:48	1
Toluene-d8 (Surr)	101		75 - 124	05/13/22 18:26	05/23/22 15:48	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	☼	05/24/22 14:11	05/26/22 19:06	1
1,2-Dichlorobenzene	<0.18		0.18	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
1,3-Dichlorobenzene	<0.18		0.18	0.041	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
1,4-Dichlorobenzene	<0.18		0.18	0.046	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-102(0-4)-051222

Lab Sample ID: 500-216571-17

Date Collected: 05/12/22 10:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.082	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,4,6-Trichlorophenol	<0.36		0.36	0.12	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,4-Dichlorophenol	<0.36		0.36	0.086	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,4-Dimethylphenol	<0.36		0.36	0.14	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,4-Dinitrophenol	<0.73		0.73	0.63	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,4-Dinitrotoluene	<0.18		0.18	0.057	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2,6-Dinitrotoluene	<0.18		0.18	0.071	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Chlorophenol	<0.18		0.18	0.062	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Methylnaphthalene	<0.073		0.073	0.0066	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Methylphenol	<0.18		0.18	0.058	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Nitroaniline	<0.18		0.18	0.049	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
2-Nitrophenol	<0.36		0.36	0.085	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
3 & 4 Methylphenol	<0.18		0.18	0.060	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.050	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
3-Nitroaniline	<0.36		0.36	0.11	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.29	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Chloro-3-methylphenol	<0.36		0.36	0.12	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Chloroaniline	<0.73		0.73	0.17	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Nitroaniline	<0.36		0.36	0.15	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
4-Nitrophenol	<0.73		0.73	0.34	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Acenaphthene	<0.036		0.036	0.0065	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Acenaphthylene	<0.036		0.036	0.0048	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Anthracene	0.0073	J	0.036	0.0060	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Benzo[a]anthracene	0.022	J	0.036	0.0049	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Benzo[a]pyrene	0.031	J	0.036	0.0070	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Benzo[b]fluoranthene	0.048		0.036	0.0078	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Benzo[g,h,i]perylene	0.024	J	0.036	0.012	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Benzo[k]fluoranthene	0.017	J	0.036	0.011	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.037	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.054	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.066	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Butyl benzyl phthalate	<0.18		0.18	0.069	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Carbazole	<0.18		0.18	0.090	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Chrysene	0.042		0.036	0.0098	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Dibenz(a,h)anthracene	<0.036		0.036	0.0070	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Diethyl phthalate	<0.18		0.18	0.061	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Dimethyl phthalate	<0.18		0.18	0.047	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Di-n-butyl phthalate	<0.18		0.18	0.055	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Di-n-octyl phthalate	<0.18		0.18	0.059	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Fluoranthene	0.052		0.036	0.0067	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Fluorene	<0.036		0.036	0.0051	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Hexachlorobenzene	<0.073		0.073	0.0084	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Hexachlorobutadiene	<0.18		0.18	0.057	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Hexachlorocyclopentadiene	<0.73		0.73	0.21	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Hexachloroethane	<0.18		0.18	0.055	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-102(0-4)-051222

Lab Sample ID: 500-216571-17

Date Collected: 05/12/22 10:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.017	J	0.036	0.0093	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Isophorone	<0.18		0.18	0.040	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Naphthalene	<0.036		0.036	0.0055	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Nitrobenzene	<0.036		0.036	0.0090	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
N-Nitrosodiphenylamine	<0.18		0.18	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Pentachlorophenol	<0.73		0.73	0.58	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Phenanthrene	0.047		0.036	0.0050	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Phenol	<0.18		0.18	0.080	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1
Pyrene	0.066		0.036	0.0072	mg/Kg	☼	05/24/22 14:11	05/26/22 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	05/24/22 14:11	05/26/22 19:06	1
2-Fluorobiphenyl (Surr)	80		43 - 145	05/24/22 14:11	05/26/22 19:06	1
2-Fluorophenol (Surr)	100		31 - 166	05/24/22 14:11	05/26/22 19:06	1
Nitrobenzene-d5 (Surr)	64		37 - 147	05/24/22 14:11	05/26/22 19:06	1
Phenol-d5 (Surr)	104		30 - 153	05/24/22 14:11	05/26/22 19:06	1
Terphenyl-d14 (Surr)	124		42 - 157	05/24/22 14:11	05/26/22 19:06	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Barium	0.50		0.50	0.050	mg/L		05/18/22 22:48	05/19/22 20:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 20:05	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 20:05	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Cobalt	0.085		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 20:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:35	1
Manganese	5.6		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Nickel	0.072		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 20:05	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:05	1
Zinc	0.065	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 20:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.072		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 16:32	1
Barium	0.33	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:32	1
Beryllium	0.0070		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:32	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:32	1
Chromium	0.14		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:32	1
Cobalt	0.061		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:32	1
Copper	0.21		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:32	1
Iron	140		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:32	1
Lead	0.075		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:45	1
Manganese	0.73		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:45	1
Nickel	0.19		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:32	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:32	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-102(0-4)-051222

Lab Sample ID: 500-216571-17

Date Collected: 05/12/22 10:40

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 86.9

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		05/19/22 07:56	05/20/22 16:32	1
Zinc	0.38	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:32	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8500	B	11	4.5	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Antimony	0.49	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Arsenic	7.4		0.55	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Barium	33		0.55	0.063	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Beryllium	0.39		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 19:17	1
Cadmium	0.069	J B	0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Calcium	74000	B	55	9.4	mg/Kg	☆	05/18/22 15:05	05/20/22 19:32	5
Chromium	13		0.55	0.27	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Cobalt	12		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Copper	23	B	0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Iron	17000	B	11	5.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Lead	14		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Magnesium	30000	B	5.5	2.7	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Manganese	380		0.55	0.080	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Nickel	28		0.55	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Potassium	1900		28	9.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Selenium	<0.55		0.55	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 19:17	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/20/22 19:17	1
Sodium	860	B	55	8.2	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Thallium	<0.55		0.55	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Vanadium	17		0.28	0.065	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	1
Zinc	52		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 19:28	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		05/19/22 15:45	05/20/22 14:20	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		05/19/22 11:10	05/20/22 13:04	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	B	0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 07:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.3		0.2	0.2	SU			05/19/22 18:31	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-104(0-4)-051222

Lab Sample ID: 500-216571-18

Date Collected: 05/12/22 10:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00051	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Tetrachloroethene	<0.0016	*+	0.0016	0.00054	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	✳	05/13/22 18:26	05/23/22 16:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	*3 S1+	75 - 131	05/13/22 18:26	05/23/22 16:14	1
Dibromofluoromethane (Surr)	109		75 - 126	05/13/22 18:26	05/23/22 16:14	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	05/13/22 18:26	05/23/22 16:14	1
Toluene-d8 (Surr)	113		75 - 124	05/13/22 18:26	05/23/22 16:14	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	✳	05/24/22 14:11	05/25/22 20:15	1
1,2-Dichlorobenzene	<0.19		0.19	0.046	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-104(0-4)-051222

Lab Sample ID: 500-216571-18

Date Collected: 05/12/22 10:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,4-Dichlorophenol	<0.38		0.38	0.091	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,4-Dimethylphenol	<0.38		0.38	0.15	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,4-Dinitrotoluene	<0.19		0.19	0.061	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
3 & 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.045	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Acenaphthene	<0.038		0.038	0.0069	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Anthracene	<0.038		0.038	0.0064	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Benzo[a]anthracene	0.015	J	0.038	0.0051	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Benzo[a]pyrene	0.019	J *3	0.038	0.0074	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Benzo[b]fluoranthene	0.024	J *3	0.038	0.0083	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Benzo[g,h,i]perylene	<0.038	*3	0.038	0.012	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Benzo[k]fluoranthene	<0.038	*3	0.038	0.011	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Butyl benzyl phthalate	<0.19		0.19	0.073	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Carbazole	<0.19		0.19	0.096	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Chrysene	0.026	J	0.038	0.010	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Dibenz(a,h)anthracene	<0.038	*3	0.038	0.0074	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Dibenzofuran	<0.19		0.19	0.045	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Diethyl phthalate	<0.19		0.19	0.065	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Fluoranthene	0.020	J	0.038	0.0071	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Fluorene	<0.038		0.038	0.0054	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Hexachlorobenzene	<0.077		0.077	0.0089	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	05/24/22 14:11	05/25/22 20:15	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-104(0-4)-051222

Lab Sample ID: 500-216571-18

Date Collected: 05/12/22 10:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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	0.012	J *3	0.038	0.0099	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Naphthalene	<0.038		0.038	0.0059	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.047	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Phenanthrene	0.017	J	0.038	0.0053	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Phenol	<0.19		0.19	0.085	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Pyrene	0.035	J	0.038	0.0076	mg/Kg	☼	05/24/22 14:11	05/25/22 20:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		31 - 143				05/24/22 14:11	05/25/22 20:15	1
2-Fluorobiphenyl (Surr)	79		43 - 145				05/24/22 14:11	05/25/22 20:15	1
2-Fluorophenol (Surr)	93		31 - 166				05/24/22 14:11	05/25/22 20:15	1
Nitrobenzene-d5 (Surr)	64		37 - 147				05/24/22 14:11	05/25/22 20:15	1
Phenol-d5 (Surr)	84		30 - 153				05/24/22 14:11	05/25/22 20:15	1
Terphenyl-d14 (Surr)	156		42 - 157				05/24/22 14:11	05/25/22 20:15	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		05/18/22 22:48	05/19/22 20:02	1
Barium	0.36	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 20:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 20:02	1
Cadmium	0.0033	J	0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 20:02	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Cobalt	0.082		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Iron	0.27	J	0.40	0.20	mg/L		05/18/22 22:48	05/19/22 20:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/20/22 14:32	1
Manganese	5.6		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Nickel	0.063		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 20:02	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 20:02	1
Zinc	0.022	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 20:02	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		05/19/22 07:56	05/20/22 16:35	1
Barium	0.36	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:35	1
Beryllium	0.0067		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:35	1
Chromium	0.13		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:35	1
Cobalt	0.048		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:35	1
Copper	0.18		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:35	1
Iron	140		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:35	1
Lead	0.080		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:48	1
Manganese	0.70		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:48	1
Nickel	0.17		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:35	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:35	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-104(0-4)-051222

Lab Sample ID: 500-216571-18

Date Collected: 05/12/22 10:45

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 83.6

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		05/19/22 07:56	05/20/22 16:35	1
Zinc	0.33	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:35	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000	B	12	4.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Antimony	0.46	J	1.2	0.23	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Arsenic	7.4		0.59	0.20	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Barium	44		0.59	0.067	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Beryllium	0.46		0.23	0.055	mg/Kg	☆	05/18/22 15:05	05/20/22 19:21	1
Cadmium	0.035	J B	0.12	0.021	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Calcium	55000	B	59	9.9	mg/Kg	☆	05/18/22 15:05	05/20/22 19:35	5
Chromium	14		0.59	0.29	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Cobalt	14		0.29	0.077	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Copper	22	B	0.59	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Iron	18000	B	12	6.1	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Lead	13		0.29	0.14	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Magnesium	25000	B	5.9	2.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Manganese	490		0.59	0.085	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Nickel	31		0.59	0.17	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Potassium	2100		29	10	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Selenium	<0.59		0.59	0.34	mg/Kg	☆	05/18/22 15:05	05/20/22 19:21	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	05/18/22 15:05	05/20/22 19:21	1
Sodium	1000	B	59	8.7	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Thallium	0.40	J	0.59	0.29	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Vanadium	19		0.29	0.069	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	1
Zinc	53		1.2	0.51	mg/Kg	☆	05/18/22 15:05	05/19/22 19:32	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		05/19/22 15:45	05/20/22 14:23	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		05/19/22 11:10	05/20/22 13:10	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036	B	0.018	0.0060	mg/Kg	☆	05/18/22 15:15	05/19/22 07:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.2		0.2	0.2	SU			05/17/22 22:00	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-107(0-4)-051222

Lab Sample ID: 500-216571-19

Date Collected: 05/12/22 10:55

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0071	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Tetrachloroethene	<0.0016	*+	0.0016	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	05/13/22 18:26	05/23/22 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130	*3	75 - 131	05/13/22 18:26	05/23/22 16:39	1
Dibromofluoromethane (Surr)	105		75 - 126	05/13/22 18:26	05/23/22 16:39	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	05/13/22 18:26	05/23/22 16:39	1
Toluene-d8 (Surr)	110		75 - 124	05/13/22 18:26	05/23/22 16:39	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	☼	05/24/22 14:11	05/25/22 20:38	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
1,3-Dichlorobenzene	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
1,4-Dichlorobenzene	<0.19		0.19	0.048	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
 Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-107(0-4)-051222

Lab Sample ID: 500-216571-19

Date Collected: 05/12/22 10:55

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.37		0.37	0.085	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,4-Dinitrophenol	<0.75		0.75	0.66	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,4-Dinitrotoluene	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2,6-Dinitrotoluene	<0.19		0.19	0.073	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Chloronaphthalene	<0.19		0.19	0.041	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Chlorophenol	<0.19		0.19	0.064	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Methylnaphthalene	0.0097	J	0.075	0.0069	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Methylphenol	<0.19		0.19	0.060	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Nitroaniline	<0.19		0.19	0.050	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
2-Nitrophenol	<0.37		0.37	0.088	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
3 & 4 Methylphenol	<0.19		0.19	0.062	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.052	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
3-Nitroaniline	<0.37		0.37	0.12	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.30	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Chloro-3-methylphenol	<0.37		0.37	0.13	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Chloroaniline	<0.75		0.75	0.18	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Nitroaniline	<0.37		0.37	0.16	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
4-Nitrophenol	<0.75		0.75	0.35	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Acenaphthene	<0.037		0.037	0.0067	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Acenaphthylene	<0.037		0.037	0.0049	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Anthracene	<0.037		0.037	0.0062	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Benzo[a]anthracene	<0.037		0.037	0.0050	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Benzo[a]pyrene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Benzo[b]fluoranthene	<0.037	*3	0.037	0.0081	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Benzo[g,h,i]perylene	0.015	J *3	0.037	0.012	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Benzo[k]fluoranthene	<0.037	*3	0.037	0.011	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.056	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.068	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Butyl benzyl phthalate	<0.19		0.19	0.071	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Carbazole	<0.19		0.19	0.093	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Chrysene	0.021	J	0.037	0.010	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Dibenz(a,h)anthracene	<0.037	*3	0.037	0.0072	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Diethyl phthalate	<0.19		0.19	0.063	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Di-n-butyl phthalate	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Di-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Fluoranthene	<0.037		0.037	0.0069	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Fluorene	<0.037		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Hexachlorobenzene	<0.075		0.075	0.0086	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Hexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Hexachlorocyclopentadiene	<0.75		0.75	0.21	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Hexachloroethane	<0.19		0.19	0.057	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-107(0-4)-051222

Lab Sample ID: 500-216571-19

Date Collected: 05/12/22 10:55

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.037	*3	0.037	0.0097	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Isophorone	<0.19		0.19	0.042	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Naphthalene	<0.037		0.037	0.0057	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Nitrobenzene	<0.037		0.037	0.0093	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.046	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
N-Nitrosodiphenylamine	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Pentachlorophenol	<0.75		0.75	0.60	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Phenanthrene	0.045		0.037	0.0052	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Phenol	<0.19		0.19	0.083	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1
Pyrene	0.030	J	0.037	0.0074	mg/Kg	☼	05/24/22 14:11	05/25/22 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143	05/24/22 14:11	05/25/22 20:38	1
2-Fluorobiphenyl (Surr)	81		43 - 145	05/24/22 14:11	05/25/22 20:38	1
2-Fluorophenol (Surr)	91		31 - 166	05/24/22 14:11	05/25/22 20:38	1
Nitrobenzene-d5 (Surr)	66		37 - 147	05/24/22 14:11	05/25/22 20:38	1
Phenol-d5 (Surr)	83		30 - 153	05/24/22 14:11	05/25/22 20:38	1
Terphenyl-d14 (Surr)	157		42 - 157	05/24/22 14:11	05/25/22 20:38	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Barium	0.47	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:04	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Cobalt	0.024	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/19/22 19:04	1
Manganese	2.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Nickel	0.035		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:04	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:04	1
Zinc	0.040	J	0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:04	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		05/19/22 07:56	05/20/22 16:38	1
Barium	0.34	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:38	1
Beryllium	0.0066		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:38	1
Chromium	0.13		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:38	1
Cobalt	0.062		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:38	1
Copper	0.16		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:38	1
Iron	120		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:38	1
Lead	0.070		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:51	1
Manganese	0.81		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:51	1
Nickel	0.18		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:38	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:38	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-107(0-4)-051222

Lab Sample ID: 500-216571-19

Date Collected: 05/12/22 10:55

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 85.6

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		05/19/22 07:56	05/20/22 16:38	1
Zinc	0.29	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:38	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000	B	11	4.6	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Antimony	0.40	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Arsenic	7.2		0.56	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Barium	39		0.56	0.064	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Beryllium	0.47		0.22	0.052	mg/Kg	☆	05/18/22 15:05	05/20/22 19:24	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Calcium	60000	B	56	9.5	mg/Kg	☆	05/18/22 15:05	05/20/22 19:38	5
Chromium	16		0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Cobalt	14		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Copper	22	B	0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Iron	20000	B	11	5.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Lead	13		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Magnesium	25000	B	5.6	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Manganese	370		0.56	0.081	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Nickel	32		0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Potassium	2700		28	9.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 19:24	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	05/18/22 15:05	05/20/22 19:24	1
Sodium	860	B	56	8.3	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Thallium	0.32	J	0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Vanadium	18		0.28	0.066	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	1
Zinc	49		1.1	0.49	mg/Kg	☆	05/18/22 15:05	05/19/22 19:35	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		05/19/22 15:45	05/20/22 13:42	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		05/19/22 11:10	05/20/22 13:12	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032	B	0.018	0.0061	mg/Kg	☆	05/18/22 15:15	05/19/22 07:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			05/17/22 22:02	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-109(0-4)-051222

Lab Sample ID: 500-216571-20

Date Collected: 05/12/22 11:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0080	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Benzene	<0.0018		0.0018	0.00047	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Bromoform	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Carbon disulfide	<0.0046		0.0046	0.00096	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Chlorobenzene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Chloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Chloroform	<0.0018		0.0018	0.00064	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Chloromethane	<0.0046		0.0046	0.0019	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,1-Dichloroethane	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00065	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Ethylbenzene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Methylene Chloride	<0.0046		0.0046	0.0018	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
methyl isobutyl ketone	<0.0046		0.0046	0.0014	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00054	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Styrene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Tetrachloroethene	<0.0018	+	0.0018	0.00063	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00065	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00079	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1
Xylenes, Total	<0.0037		0.0037	0.00059	mg/Kg	☼	05/13/22 18:26	05/23/22 17:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	05/13/22 18:26	05/23/22 17:05	1
Dibromofluoromethane (Surr)	107		75 - 126	05/13/22 18:26	05/23/22 17:05	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	05/13/22 18:26	05/23/22 17:05	1
Toluene-d8 (Surr)	99		75 - 124	05/13/22 18:26	05/23/22 17:05	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	☼	05/24/22 14:11	05/26/22 19:29	1
1,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
1,3-Dichlorobenzene	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
1,4-Dichlorobenzene	<0.19		0.19	0.049	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-109(0-4)-051222

Lab Sample ID: 500-216571-20

Date Collected: 05/12/22 11:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.087	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,4,6-Trichlorophenol	<0.38		0.38	0.13	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,4-Dichlorophenol	<0.38		0.38	0.090	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,4-Dimethylphenol	<0.38		0.38	0.14	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,4-Dinitrophenol	<0.77		0.77	0.67	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,4-Dinitrotoluene	<0.19		0.19	0.060	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2,6-Dinitrotoluene	<0.19		0.19	0.075	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Chloronaphthalene	<0.19		0.19	0.042	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Chlorophenol	<0.19		0.19	0.065	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Methylnaphthalene	<0.077		0.077	0.0070	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Methylphenol	<0.19		0.19	0.061	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Nitroaniline	<0.19		0.19	0.051	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
2-Nitrophenol	<0.38		0.38	0.090	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
3 & 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
3-Nitroaniline	<0.38		0.38	0.12	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.31	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Chloro-3-methylphenol	<0.38		0.38	0.13	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Chloroaniline	<0.77		0.77	0.18	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Nitroaniline	<0.38		0.38	0.16	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
4-Nitrophenol	<0.77		0.77	0.36	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Acenaphthene	<0.038		0.038	0.0068	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Acenaphthylene	<0.038		0.038	0.0050	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Anthracene	<0.038		0.038	0.0063	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Benzo[a]anthracene	0.019 J		0.038	0.0051	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Benzo[a]pyrene	0.020 J		0.038	0.0074	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Benzo[b]fluoranthene	0.032 J		0.038	0.0082	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Benzofluoranthene	<0.038		0.038	0.012	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Benzo[k]fluoranthene	0.013 J		0.038	0.011	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.039	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.057	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Butyl benzyl phthalate	<0.19		0.19	0.072	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Carbazole	<0.19		0.19	0.095	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Chrysene	0.031 J		0.038	0.010	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Dibenz(a,h)anthracene	<0.038		0.038	0.0073	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Dibenzofuran	<0.19		0.19	0.044	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Diethyl phthalate	<0.19		0.19	0.064	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Dimethyl phthalate	<0.19		0.19	0.050	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Di-n-butyl phthalate	<0.19		0.19	0.058	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Di-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Fluoranthene	0.033 J		0.038	0.0070	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Fluorene	<0.038		0.038	0.0053	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Hexachlorobenzene	<0.077		0.077	0.0088	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Hexachlorobutadiene	<0.19		0.19	0.060	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Hexachlorocyclopentadiene	<0.77		0.77	0.22	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1
Hexachloroethane	<0.19		0.19	0.058	mg/Kg	✳	05/24/22 14:11	05/26/22 19:29	1

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Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-109(0-4)-051222

Lab Sample ID: 500-216571-20

Date Collected: 05/12/22 11:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.0098	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Isophorone	<0.19		0.19	0.043	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Naphthalene	<0.038		0.038	0.0058	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Nitrobenzene	<0.038		0.038	0.0095	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.046	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
N-Nitrosodiphenylamine	<0.19		0.19	0.045	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Pentachlorophenol	<0.77		0.77	0.61	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Phenanthrene	0.024	J	0.038	0.0053	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Phenol	<0.19		0.19	0.084	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Pyrene	0.044		0.038	0.0075	mg/Kg	☼	05/24/22 14:11	05/26/22 19:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		31 - 143				05/24/22 14:11	05/26/22 19:29	1
2-Fluorobiphenyl (Surr)	75		43 - 145				05/24/22 14:11	05/26/22 19:29	1
2-Fluorophenol (Surr)	94		31 - 166				05/24/22 14:11	05/26/22 19:29	1
Nitrobenzene-d5 (Surr)	63		37 - 147				05/24/22 14:11	05/26/22 19:29	1
Phenol-d5 (Surr)	92		30 - 153				05/24/22 14:11	05/26/22 19:29	1
Terphenyl-d14 (Surr)	123		42 - 157				05/24/22 14:11	05/26/22 19:29	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Barium	0.39	J	0.50	0.050	mg/L		05/18/22 22:48	05/19/22 19:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		05/18/22 22:48	05/19/22 19:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/18/22 22:48	05/19/22 19:07	1
Chromium	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Cobalt	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Copper	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Iron	<0.40		0.40	0.20	mg/L		05/18/22 22:48	05/19/22 19:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		05/18/22 22:48	05/19/22 19:07	1
Manganese	1.3		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Nickel	0.013	J	0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Selenium	<0.050		0.050	0.020	mg/L		05/18/22 22:48	05/19/22 19:07	1
Silver	<0.025		0.025	0.010	mg/L		05/18/22 22:48	05/19/22 19:07	1
Zinc	<0.50		0.50	0.020	mg/L		05/18/22 22:48	05/19/22 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.061		0.050	0.010	mg/L		05/19/22 07:56	05/20/22 16:41	1
Barium	0.34	J	0.50	0.050	mg/L		05/19/22 07:56	05/20/22 16:41	1
Beryllium	0.0061		0.0040	0.0040	mg/L		05/19/22 07:56	05/20/22 16:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		05/19/22 07:56	05/20/22 16:41	1
Chromium	0.12		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:41	1
Cobalt	0.041		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:41	1
Copper	0.16		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:41	1
Iron	130		0.40	0.20	mg/L		05/19/22 07:56	05/20/22 16:41	1
Lead	0.068		0.0075	0.0075	mg/L		05/19/22 07:56	05/23/22 17:54	1
Manganese	0.66		0.025	0.010	mg/L		05/19/22 07:56	05/23/22 17:54	1
Nickel	0.14		0.025	0.010	mg/L		05/19/22 07:56	05/20/22 16:41	1
Selenium	<0.050		0.050	0.020	mg/L		05/19/22 07:56	05/20/22 16:41	1

Euofins Chicago

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Client Sample ID: RR-109(0-4)-051222

Lab Sample ID: 500-216571-20

Date Collected: 05/12/22 11:00

Matrix: Solid

Date Received: 05/13/22 11:20

Percent Solids: 84.9

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		05/19/22 07:56	05/20/22 16:41	1
Zinc	0.33	J	0.50	0.020	mg/L		05/19/22 07:56	05/20/22 16:41	1

Method: 6010B - Total Metals

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000	B	11	4.6	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Antimony	0.48	J	1.1	0.22	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Arsenic	8.5		0.56	0.19	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Barium	54		0.56	0.064	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Beryllium	0.45		0.23	0.053	mg/Kg	☆	05/18/22 15:05	05/20/22 19:27	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Calcium	49000	B	56	9.6	mg/Kg	☆	05/18/22 15:05	05/20/22 19:41	5
Chromium	13		0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Cobalt	13		0.28	0.074	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Copper	21	B	0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Iron	19000	B	11	5.9	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Lead	15		0.28	0.13	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Magnesium	24000	B	5.6	2.8	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Manganese	530		0.56	0.082	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Nickel	25		0.56	0.16	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Potassium	1400		28	10	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	05/18/22 15:05	05/20/22 19:27	1
Silver	<0.28		0.28	0.073	mg/Kg	☆	05/18/22 15:05	05/20/22 19:27	1
Sodium	670	B	56	8.4	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Thallium	0.79		0.56	0.28	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Vanadium	20		0.28	0.067	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	1
Zinc	54		1.1	0.50	mg/Kg	☆	05/18/22 15:05	05/19/22 19:38	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		05/19/22 15:45	05/20/22 13:44	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		05/19/22 11:10	05/20/22 13:14	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034	B	0.019	0.0063	mg/Kg	☆	05/18/22 15:15	05/19/22 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.8		0.2	0.2	SU			05/17/22 22:07	1

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*3	ISTD response or retention time outside acceptable limits.
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
*3	ISTD response or retention time outside acceptable limits.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
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.
F2	MS/MSD RPD 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

Eurofins Chicago

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: IDOT - I-80 - WO 019

Job ID: 500-216571-1

Glossary (Continued)

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

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Chain of Custody Record

524246



Environment Testing
TestAmerica

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: A. Slosers		Site Contact: C. Penn		Date: 5-12-22		COC No				
Company Name: Weston Solutions		Tel/Email:		Lab Contact: R. Wray et		Carrier:		1 of 4 COCs				
Address: 300 Knapto bridge Pkwy Ste 300		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCP/SPLP metals pH		500-216571 COC		Sampler:				
City/State/Zip: Lincolnshire IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only:				
Phone:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client				
Fax:								Lab Sampling				
Project Name: PDOT 019								Job / SDG No				
Site: A-80								500-216571				
P O #:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes					
1	RR-110 (0-5) -051222	5-12-22	0900	G	S	6	X	X	X	X	Y	
2	RR-110 (5-10) -051222		0905									
3	RR-110 (10-15) -051222		0910									
4	RR-108 (0-5) -051222		0920									
5	RR-108 (5-10) -051222		0925									
6	RR-108 (10-15) -051222		0930									
7	RR-106 (0-5) -051222		0940									
8	RR-106 (5-10) -051222		0945									
9	RR-106 (10-15) -051222		0950									
10	RR-103 (0-5) -051222		1000									
11	RR-103 (0-5) -051222		1000									
12	RR-103 (5-10) -051222		1005									
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other												
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.						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)						
<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: Include TCP/SPLP Fe + Mn 5.5 → 4.5, 5.9 → 4.9, 5.15 → 4.1, 4.3 → 3.3												
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:		Company: US		Date/Time: 5/12/22		Received by:		Company: EETA				
Relinquished by:		Company: EETA		Date/Time: 1120		Received by:		Company: _____				
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by:		Company: EETA				
								Date/Time: 5/13/22 1120				

Chain of Custody Record

524250



Environment Testing
TestAmerica

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager <u>A. Slocum</u>		Site Contact <u>C. Perez</u>		Date		COC No	
Company Name <u>Weston Solutions</u>		Tel/Email		Lab Contact <u>R. Wright</u>		Carrier		<u>2</u> of <u>4</u> COCs	
Address <u>200 Knightsbridge Blvd Ste 300</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Toxic Metals TCLP / SPLP Metals pH				Sampler	
City/State/Zip <u>Lincolnshire, IL 60069</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only:	
Phone		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client	
Fax								Lab Sampling	
Project Name <u>IDOT 019</u>								Job / SDG No	
Site <u>2-80</u>								<u>500-216571</u>	
P O #								Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
13	RR-103(10-15)-051222	5.12.22	1010	G	S	6	X	X	X
14	RR-101(0-5)-051222		1020						
15	RR-101(5-10)-051222		1025						
16	RR-101(10-15)-051222		1030						
17	RR-104(0-4)-051222		1040						
18	RR-104(0-4)-051222		1045						
19	RR-107(0-4)-051222		1055						
20	RR-109(0-4)-051222		1100						
	ROW-157(0-4)-051222		1200						
	ROW-157(0-4)-051222		1200						
	ROW-157(4-9)-051222		1205						
	ROW-150(0-5)-051222		1220						
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: <u>Include Fe + Mn (TCLP + SPLP)</u>									
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 <u>[Signature]</u>		Company <u>WS</u>		Date/Time <u>5.12.22</u>		Received by <u>[Signature]</u>		Company <u>EBTA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EBTA</u>		Date/Time <u>5/13/22</u>		Received by <u>[Signature]</u>		Company <u>EBTA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EBTA</u>		Date/Time <u>5/13/22</u>		Received in Laboratory by <u>[Signature]</u>		Company <u>EBTA</u>	