



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 – I-55 Interchange, Ridge Road to US 30 Office Phone Number, if available: _____

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

I-80 M.M. 121.5 to M.M. 138 (ISGS Site No. 2233V3-1)

City: Various State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.48411 Longitude: -88.19698

(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.): 46,860

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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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 ROW-2 thru ROW-6, ROW-8,-9,-10,-12,-13, ROW-16 thru ROW-19, ROW-21 thru ROW-26, ROW-28 thru ROW-32, ROW-34,-35,-37, B-3 thru B-8, KL-1,-3,-5,-6 -7, VL-5 and VL-6 WERE SAMPLED ALONG THE I-80 and I-55 ROW. SEE FIGURE 3-1 THRU 3-8, AND TABLE 4-1 OF THE 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]:

EUROFINS ANALYTICAL REPORTS - JOB IDS: 500-247300-1, 500-247301-1, 500-247302-1, 500-247356-1, 500-247357-1, 500-247397-1, 500-247658-1, 500-247953-1, AND 500-247957-1. ALSO SEE FIGURE 4-1 THROUGH 4-8 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Timothy J. Hoff, 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.

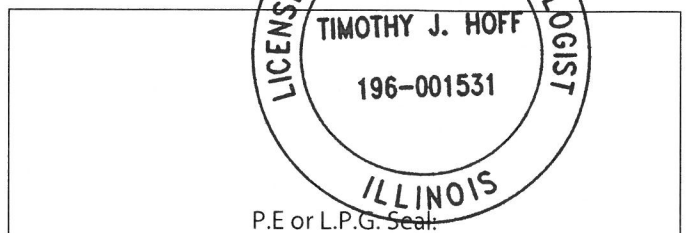
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

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

Timothy J. Hoff, P.G.
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

6/17/24
Date:



Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	B-3	B-4	B-5	B-6	B-7	B-8	KL-1	KL-3	KL-3	KL-5	KL-6	KL-7	ROW-2
Sample Date		3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024
Field Sample ID		B-3(0-4)-031124	B-4(0-4)-031124	B-5(0-4)-031124	B-6(0-4)-031124	B-7(0-4)-031124	B-8(0-4)-031124	KL-1(0-4)-031124	KL-3(0-5)-031124	KL-3(5-10)-031124	KL-5(0-4)-031124	KL-6(0-4)-031124	KL-7(0-4)-031124	ROW-2(0-5)-031124
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25; >9.0	8.4	8.0	8.9	8.5	8.2	8.4	8.2	7.8	8.4	8.6	8.6	8.5	8.1
VOCs (mg/kg)														
Acetone	---	ND	ND	ND	ND	ND	ND	ND	0.04	0.011 J	ND	ND	ND	ND
Methyl ethyl ketone	---	ND	ND	ND	ND	ND	ND	ND	0.011	ND	ND	ND	ND	ND
Methylene chloride	0.02	ND	ND	ND	ND	0.013 B	0.0078 B	ND	ND	ND	ND	ND	ND	ND
SVOCs (mg/kg)														
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	0.016 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	0.045 J	ND	ND	0.024 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	0.3	0.025 J	0.043 J	0.15	ND	0.074	ND	ND	ND	ND	ND	0.029 J	ND
Benzo(a)pyrene	0.09 / 11 / 2.1	0.44 J	0.068 J	ND	0.22 J	0.092	0.16 J	ND	ND	ND	ND	ND	0.054	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	0.65 J	0.084 J	0.11 J	0.32 J	ND	0.18 J	ND	ND	ND	ND	ND	0.068	ND
Benzo(g,h,i)perylene	---	0.53 J	ND	ND	0.2 J	0.15	0.14 J	ND	ND	ND	ND	ND	0.057 J	ND
Benzo(k)fluoranthene	9	0.25 J	ND	ND	0.11 J	ND	0.058 J	ND	ND	ND	ND	ND	0.017 J	ND
Carbazole	0.6	0.047 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.37	0.04 J	0.032 J	0.19	ND	0.089	ND	ND	ND	ND	ND	0.042	ND
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	0.15 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	0.75	0.06	0.063 J	0.4	ND	0.15	ND	0.013 J	ND	ND	ND	0.056	ND
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	0.41 J	ND	ND	0.16 J	ND	0.11 J	ND	ND	ND	ND	ND	0.066 J	ND
Phenanthrene	---	0.26	0.024 J	0.028 J	0.17	ND	0.05 J	ND	ND	ND	ND	ND	0.021 J	ND
Pyrene	2300	0.66	0.047 J	0.048 J	0.29	0.017 J	0.12	ND	ND	ND	ND	ND	0.051	ND
Total Metals (mg/kg)														
Aluminum, Total	---	2700	13000	8800	4100	8100	4500 J	14000	18000	13000	7900	2800	3600	18000
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23 J	ND	ND	ND
Arsenic, Total	11.3 / 13.0	2.8	7.7	6.5	4.9	13	6.6	5.8	6	2.6	7.3	5.8	5.9	8.7
Barium, Total	1500	45	100	73	80	49	27	77	150	60	76	21	23	92
Beryllium, Total	22	0.22	0.6	0.45	0.26	0.54	0.3	0.95 J	0.92	0.81 J	0.58 J	0.22	0.2 J	0.84
Cadmium, Total	5.2	0.24 J	0.17 J	0.22 J	0.48 J	0.2 J	0.14 J	0.31 J	0.22 J	0.46 J	0.21 J	0.12 J	0.14 J	0.18 J
Calcium, Total	---	140000 B	5200 B	56000 B	130000 B	120000 B	88000 B	83000 B	4600 B	120000 B	90000 B	140000 B	120000 B	13000 B
Chromium, Total	21	23	17	12	11	14	8.8 J	19	20	16	8.8	5.5	8.2	20
Cobalt, Total	20	2.9	9.2	8.2	4.9	11	7.8	12	10	7.8	6.4	4	4.5	9.4
Copper, Total	2900	18	14	16	14	40	21	21	17	20	14	15	17	19
Iron, Total	15000 / 15900	10000	16000	12000	11000	19000	14000	20000	15000	17000	19000	12000	13000	22000
Lead, Total	107	20	29	26	17	20	15 J	12	15	13	12	7	7	17
Magnesium, Total	325000	78000 B	4800 B	30000 B	60000 B	68000 B	51000 B	21000	4400	20000	55000	87000	74000	7400
Manganese, Total	630 / 636	410	450	490	360	580	290 J	380	200	270	330	270	280	350
Mercury, Total	0.89	0.017	0.03	0.017 J	ND	0.022 J	0.041	0.049	0.038	0.017 J	0.02	0.011 J	ND	0.034
Nickel, Total	100	11	18	15	11	38	17	30	20	24	12	9.9	12	25
Potassium, Total	---	520	1200	960	700	1100	890 J	2600	860	2400	790	720	680	1500
Selenium, Total	1.3	ND	0.62	0.37 J	ND	ND	ND	0.44 J	ND	ND	ND	ND	ND	0.45 J
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	0.84 J	ND	1.4	0.89 J	ND	ND	0.1 J
Sodium, Total	---	360 B	550 B	660 B	350 J	370 B	240 J	170	360	290	600	250 J	420 B	750
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.96	0.88	ND
Vanadium, Total	550	24	39	26	17	31	18 J	25	37	22	18	12	16	36
Zinc, Total	5100	110	81	65	100	83	54	55	61	51	42	40	55	57

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Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	B-3	B-4	B-5	B-6	B-7	B-8	KL-1	KL-3	KL-3	KL-5	KL-6	KL-7	ROW-2
Sample Date		3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024
Field Sample ID		B-3(0-4)-031124	B-4(0-4)-031124	B-5(0-4)-031124	B-6(0-4)-031124	B-7(0-4)-031124	B-8(0-4)-031124	KL-1(0-4)-031124	KL-3(0-5)-031124	KL-3(5-10)-031124	KL-5(0-4)-031124	KL-6(0-4)-031124	KL-7(0-4)-031124	ROW-2(0-5)-031124
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
TCLP Metals (mg/l)														
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.37 J	0.48 J	0.63	0.56	0.44 J	0.46 J	0.74	0.95	0.35 J	0.85	0.6	0.47 J	0.72
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0027 J	0.0024 J	0.0022 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	0.021 J	ND	ND	ND	ND	ND	ND	0.027	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	0.22 J	1.2	ND	ND	0.21 J	ND	ND	ND	0.21 J	0.2 J	ND	0.25 J	ND
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	3.1	0.093	0.36	0.16	0.52	0.36	0.63	12	0.024 J	0.28	0.99	1	1.4
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.03	ND	ND	ND	0.011 J	0.013 J	ND	0.018 J	ND	ND	ND	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	0.01 J	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.2 J	0.02 J	0.02 J	0.06 J	ND	0.021 J	ND	ND	ND	0.024 J	0.13 J	0.12 J	ND
SPLP Metals (mg/l)														
Arsenic, SPLP	0.05	ND	0.037 J	0.015 J	0.017 J	0.013 J	0.024 J	0.01 J	0.026 J	0.012 J	0.036 J	0.015 J	0.015 J	0.04 J
Barium, SPLP	2	ND	0.73	0.13 J	0.3 J	0.065 J	0.26 J	0.21 J	0.54	0.32 J	0.97	0.26 J	0.21 J	0.63
Beryllium, SPLP	0.004	ND	0.0044	ND	ND	ND	ND	ND	ND	ND	0.0059	ND	ND	0.005
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.013 J	0.14	0.033	0.06	0.02 J	0.062	0.045	0.093	0.078	0.18	0.059	0.049	0.12
Cobalt, SPLP	1	ND	0.019 J	ND	0.011 J	ND	0.013 J	ND	0.02 J	0.016 J	0.026	0.011 J	ND	0.027
Copper, SPLP	0.65	0.011 J	0.099	0.035	0.046	0.031	0.056	0.025	0.068	0.065	0.11	0.049	0.044	0.1
Iron, SPLP	5	6.7	100	30	48	22	54	31	81	72	160	57	47	110
Lead, SPLP	0.0075	0.018	0.056	0.039	0.081	0.019	0.087	0.024	0.064	0.044	0.06	0.062	0.045	0.063
Manganese, SPLP	0.15	0.089	0.83	0.44	0.52	0.26	0.53	0.15	0.52	0.42	0.72	0.36	0.37	0.53
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.1	0.027	0.04	0.019 J	0.053	0.032	0.064	0.069	0.13	0.041	0.034	0.12
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.054 J	0.45 J	0.13 J	0.32 J	0.086 J	0.27 J	0.072 J	0.23 J	0.16 J	0.56	0.27 J	0.2 J	0.29 J

**Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois**

Location	Soil Reference Concentrations (MAC Table)	ROW-2	ROW-3	ROW-4	ROW-4	ROW-5	ROW-5	ROW-6	ROW-6	ROW-8	ROW-8	ROW-8	ROW-9	ROW-9
Sample Date		3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024
Field Sample ID		ROW-2(5-10)-031124	ROW-3(0-4)-031124	ROW-4(0-5)-031124	ROW-4(5-10)-031124	ROW-5(0-5)-031124	ROW-5(5-10)-031124	ROW-6(0-5)-031224	ROW-6(5-10)-031224	ROW-8(0-5)-031224	ROW-8(0-5)-031224	ROW-8(5-10)-031224	ROW-9(0-5)-031224	ROW-9(5-10)-031224
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25; >9.0	7.4	7.2	8.2	8.0	8.3	8.2	7.5	7.8	7.9	8.0	7.9	8.3	7.8
VOCs (mg/kg)														
Acetone	---	ND	0.018	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND
Methyl ethyl ketone	---	ND	0.0047	ND	ND	ND	ND	ND	0.0032 J	ND	ND	ND	ND	ND
Methylene chloride	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (mg/kg)														
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016 J	0.0086 J
Benzo(a)pyrene	0.09 / 11 / 2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.032 J	0.011 J
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.022 J	ND
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.018 J	0.01 J	0.012 J	ND	ND	ND	ND	ND	ND	ND	0.012 J	ND
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018 J	ND
Pyrene	2300	ND	0.011 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.018 J	ND
Total Metals (mg/kg)														
Aluminum, Total	---	14000	16000	12000	15000	8900	16000	6800 J	12000	13000	16000	13000	12000	9300
Antimony, Total	5	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	ND	0.26 J	ND	ND
Arsenic, Total	11.3 / 13.0	7.1	6.3	13	5.2	12	8.6 J	6.1	10	6.2	7.1	6.9	6	9.1
Barium, Total	1500	130	140	83	73	48	80 J	27 J	71	70	100	120	54	53
Beryllium, Total	22	0.78	0.8	0.86 J	1 J	0.75 J	1.2	2.3 J	ND	0.79 J	0.86 J	0.73 J	1.5 J	ND
Cadmium, Total	5.2	0.24 J	0.29 J	0.31 J	0.24 J	0.29 J	0.3 J	0.26 J	0.28 J	0.31 J	0.23 J	0.26 J	0.31 J	0.3 J
Calcium, Total	---	3600 B	7600 B	61000 B	84000 B	72000 B	81000 B	120000 J	52000	19000	31000	26000	67000	68000
Chromium, Total	21	16	19	14	19	11	20	9.6 J	16	17	20	17	17	13
Cobalt, Total	20	11	13	11	13	11	19 J	8.4 J	14	9.8	11	10	12	11
Copper, Total	2900	18	18	20	19	24	25 J	16 J	22	17	18	17	22	24
Iron, Total	15000 / 15900	19000	19000	21000	19000	23000	24000	13000	22000	18000	20000	19000	18000	17000
Lead, Total	107	15	18	20	11	16	13 J	9.5 J	15	13	13	14	26	13
Magnesium, Total	325000	3700	5800	23000	22000	26000	20000	46000 J	17000	11000	14000	13000	22000	25000
Manganese, Total	630 / 636	550	280	540	430	490	550 J	340	510	340	350	450	410	350
Mercury, Total	0.89	0.036	0.033	0.036	0.023	0.028	0.02	ND	0.028	0.028	0.023	0.034	0.02	0.015 J
Nickel, Total	100	33	26	23	31	23	44 J	19 J	32	25	30	29	30	26
Potassium, Total	---	770	1500	1800	2600	1500	3300	1800 J	1800	1500	2100	1600	2300	1800
Selenium, Total	1.3	ND	0.4 J	0.52 J	ND	ND	ND	ND	ND	ND	ND	ND	0.36 J	0.36 J
Silver, Total	4.4	ND	ND	0.42 J	0.82 J	0.58 J	0.52 J	1.2 J	0.57	0.28 J	0.37	0.37	0.67	0.71
Sodium, Total	---	280	370	270	210	170	230	400	120	980	1000	940	1100	570
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	27	32	25	24	20	29 J	13 J	22	25	27	24	21	18
Zinc, Total	5100	65	65	63	54	64	57 J	44 J	56	68	62	65	66	59

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-2	ROW-3	ROW-4	ROW-4	ROW-5	ROW-5	ROW-6	ROW-6	ROW-8	ROW-8	ROW-8	ROW-9	ROW-9
Sample Date		3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/11/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024
Field Sample ID		ROW-2(5-10)-031124	ROW-3(0-4)-031124	ROW-4(0-5)-031124	ROW-4(5-10)-031124	ROW-5(0-5)-031124	ROW-5(5-10)-031124	ROW-6(0-5)-031224	ROW-6(5-10)-031224	ROW-8(0-5)-031224	ROW-8(0-5)-031224D	ROW-8(5-10)-031224	ROW-9(0-5)-031224	ROW-9(5-10)-031224
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
TCLP Metals (mg/l)														
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.71	0.77	0.66	0.54	0.72	0.49 J	0.12 J	0.73	0.72	0.79	0.61	0.57	0.54
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	0.0022 J	ND	ND	0.002 J	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.066	ND	ND	ND	ND	0.055	0.012 J	ND	ND	ND	0.011 J	0.015 J
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.042	ND	ND	ND
Iron, TCLP	5	0.47	0.33 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead, TCLP	0.0075	ND	0.0084	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	0.76	13	0.6	0.63	0.72	0.68	2.7	4.9	2.5	3.3	3.1	4	2.7
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.049	ND	ND	ND	ND	0.055	0.017 J	0.011 J	0.018 J	0.016 J	0.015 J	0.028
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.022 J	ND	ND	ND	ND	0.029 J	ND	ND	0.026 J	ND	ND	ND
SPLP Metals (mg/l)														
Arsenic, SPLP	0.05	ND	0.021 J	0.028 J	0.032 J	0.02 J	0.034 J	ND	ND	0.053	0.062	0.054	0.066	ND
Barium, SPLP	2	0.12 J	0.55	0.74	0.36 J	0.47 J	0.51	ND	0.16 J	0.72	1.1	0.84	0.66	0.062 J
Beryllium, SPLP	0.004	ND	ND	0.0051	ND	ND	0.0051	ND	ND	ND	0.0083	0.007	0.0059	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.029	0.09	0.12	0.082	0.099	0.12	ND	0.031	0.15	0.18	0.16	0.15	0.017 J
Cobalt, SPLP	1	ND	0.024 J	0.018 J	0.02 J	0.013 J	0.033	ND	ND	0.047	0.048	0.051	0.076	ND
Copper, SPLP	0.65	0.011 J	0.061	0.078	0.074	0.059	0.098	ND	0.023 J	0.14	0.16	0.15	0.16	0.01 J
Iron, SPLP	5	16	71	94	69	74	94	ND	25	160	180	170	180	11
Lead, SPLP	0.0075	0.014	0.072	0.051	0.049	0.053	0.07	ND	0.011	0.082	0.077	0.087	0.12	ND
Manganese, SPLP	0.15	0.053	1.1	0.42	0.38	0.3	0.57	0.011 J	0.3	1	0.93	1.2	1.4	0.1
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.013 J	0.069	0.1	0.078	0.069	0.12	ND	0.028	0.17	0.22	0.19	0.2	0.012 J
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.05 J	0.22 J	0.25 J	0.17 J	0.2 J	0.23 J	ND	0.06 J	0.41 J	0.45 J	0.44 J	0.43 J	0.027 J

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location Sample Date	Soil Reference Concentrations (MAC Table)	ROW-9	ROW-10	ROW-10	ROW-10	ROW-12	ROW-12	ROW-12	ROW-13	ROW-13	ROW-13	ROW-13	ROW-16	ROW-17
		3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/18/2024	3/18/2024	3/18/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024
Field Sample ID		ROW-9(10-15)-031224	ROW-10(0-5)-031224	ROW-10(5-10)-031224	ROW-10(10-15)-031224	ROW-12(0-5)-031824	ROW-12(5-10)-031824	ROW-12(10-15)-031824	ROW-13(0-5)-031224	ROW-13(0-5)-031224D	ROW-13(5-10)-031224	ROW-13(10-15)-031224	ROW-16(0-4)-031224	ROW-17(0-4)-031224
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25; >9.0	7.7	7.8	7.7	7.9	8.3	7.9	8.4	7.6	7.5	7.9	7.6	7.7	8.4
VOCs (mg/kg)														
Acetone	---	ND	ND	ND	0.016	ND	ND	0.0068 J	ND	0.018	ND	ND	ND	ND
Methyl ethyl ketone	---	ND	ND	ND	0.0025 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (mg/kg)														
2-Methylnaphthalene	---	ND	0.0099 J	0.0086 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	0.012 J	0.0093 J	0.0095 J	0.0094 J	ND	ND	ND	ND	0.024 J	ND	ND	ND	ND
Benzo(a)pyrene	0.09 / 11 / 2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	---	0.016 J	0.019 J	0.03 J	ND	0.048 J	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	0.013 J	0.016 J	0.016 J	ND	ND	ND	ND	ND	0.016 J	ND	ND	ND	ND
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	ND	0.011 J	ND	0.03 J	ND	ND	ND	0.02 J	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	---	0.013 J	0.019 J	0.021 J	ND	0.021 J	0.013 J	ND	ND	0.022 J	ND	ND	ND	ND
Pyrene	2300	0.013 J	0.011 J	0.02 J	ND	0.03 J	0.012 J	ND	ND	0.018 J	ND	ND	ND	ND
Total Metals (mg/kg)														
Aluminum, Total	---	11000	11000	11000	13000	9600	11000	12000	14000	13000	17000	15000	16000	7200
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	0.26 J	0.3 J	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	7	5.6	9.4	6.9	5.6	6.2	9.1	6.6 J	8	3.6	6.8	6.4	8
Barium, Total	1500	56	52	65	65	59	52	58	87	84	97	68	68	26 B
Beryllium, Total	22	ND	ND	ND	ND	0.57	0.63	0.69	0.73 J	0.76 J	0.91 J	0.83 J	0.88 J	0.52 J
Cadmium, Total	5.2	0.3 J	0.28 J	0.38 J	0.25 J	ND	ND	ND	0.31 J	0.28 J	0.27 J	0.29 J	0.24 J	0.29 J
Calcium, Total	---	77000	77000	65000	56000	85000 B	77000 B	30000 B	45000	56000	65000	58000	57000	87000
Chromium, Total	21	16	15	16	17	17	18	19	17	17	20	20	20	10
Cobalt, Total	20	11	11	13	10	11	13	11	14 J	11	8.8	15	12	9.8
Copper, Total	2900	23	21	27	24	19	24	20	20	21	22	24	24	20
Iron, Total	15000 / 15900	18000	17000	19000	20000	20000	18000	20000	19000	20000	18000	20000	20000	19000
Lead, Total	107	12	14	27	12	12	13	15	13	13	11	14	12	11
Magnesium, Total	325000	26000	25000	23000	19000	39000	28000	18000	15000	18000	18000	19000	19000	54000
Manganese, Total	630 / 636	370	410	450	300	370	360	360	690 J	420	280	390	390	350
Mercury, Total	0.89	0.027 J	0.018	0.022	0.04	0.012 J	0.014 J	0.029	0.023	0.026	0.016 J	0.022	0.051	0.017
Nickel, Total	100	28	26	30	28	27	32	30	29	26	26	32	31	22
Potassium, Total	---	2600	2300	2400	2500	2200	2700	2400	2000 J	2400	2200	2700	2000	1600
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37 J
Silver, Total	4.4	0.78	0.78	0.69	0.55	1.2 J	1.1 J	0.52 J	ND	ND	ND	ND	ND	ND
Sodium, Total	---	350	740	450	140 J	610	360	98	100 J	110 J	110 J	150 J	290 B	180 J
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	20	20	21	24	20	22	27	25	24	24	25	25	14
Zinc, Total	5100	77	61	88	62	60	65	69	60	61	60	66	60	50

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-9	ROW-10	ROW-10	ROW-10	ROW-12	ROW-12	ROW-12	ROW-13	ROW-13	ROW-13	ROW-13	ROW-16	ROW-17
Sample Date		3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/18/2024	3/18/2024	3/18/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024	3/12/2024
Field Sample ID		ROW-9(10-15)-031224	ROW-10(0-5)-031224	ROW-10(5-10)-031224	ROW-10(10-15)-031224	ROW-12(0-5)-031824	ROW-12(5-10)-031824	ROW-12(10-15)-031824	ROW-13(0-5)-031224	ROW-13(0-5)-031224D	ROW-13(5-10)-031224	ROW-13(10-15)-031224	ROW-16(0-4)-031224	ROW-17(0-4)-031224
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
TCLP Metals (mg/l)														
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.47 J	0.27 J	0.49 J	0.57	0.65	0.56	0.78	0.5	0.51	0.71	0.38 J	0.81	ND
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	0.0034 J	ND	0.0029 J	0.0027 J	ND	ND	ND	ND	0.0025 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.012 J	ND	0.049	0.017 J	ND	0.019 J	ND	ND	ND	ND	0.017 J	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND
Lead, TCLP	0.0075	ND	ND	ND	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	2.1	3.1	3.3	7.1	4.4	2.8	6.4	2.3 J	0.45 J	2.5	1.9	4.3	0.91
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.013 J	0.024 J	0.014 J	0.062	0.016 J	ND	ND	0.013 J	ND	0.016 J	ND	0.1	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	0.017 J	ND	0.01 J	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.038 J
SPLP Metals (mg/l)														
Arsenic, SPLP	0.05	ND	ND	ND	ND	0.036 J	ND	ND	ND	0.021 J	ND	0.049 J	ND	0.042 J
Barium, SPLP	2	0.052 J	0.062 J	ND	0.11 J	0.43 J	ND	0.14 J	ND	0.27 J	ND	0.52	ND	0.44 J
Beryllium, SPLP	0.004	0.006	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0073	ND	0.0048
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.013 J	0.015 J	ND	0.027	0.11	ND	0.025	ND	0.059	ND	0.15	ND	0.1
Cobalt, SPLP	1	ND	ND	ND	ND	0.049	ND	ND	ND	0.017 J	ND	0.04	ND	0.027
Copper, SPLP	0.65	ND	ND	ND	0.019 J	0.1	ND	0.018 J	ND	0.049	ND	0.14	ND	0.1
Iron, SPLP	5	8.1	9.2	0.92	21	110	1.3	21	1.4 J	53 J	3.5	140	0.5	120
Lead, SPLP	0.0075	ND	ND	ND	0.01	0.057	ND	ND	ND	0.028 J	ND	0.071	ND	0.08
Manganese, SPLP	0.15	0.055	0.078	0.015 J	0.17	1	0.012 J	0.3	0.028 J	0.29 J	0.029	0.9	ND	0.45
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.012 J	ND	0.023 J	0.13	ND	0.022 J	ND	0.058	ND	0.17	ND	0.11
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.024 J	0.026 J	ND	0.053 J	0.27 J	ND	0.047 J	ND	0.13 J	ND	0.33 J	ND	0.5 J

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-18	ROW-18	ROW-19	ROW-19	ROW-21	ROW-22	ROW-23	ROW-24	ROW-25	ROW-26	ROW-28	ROW-29	ROW-30
Sample Date		3/12/2024	3/12/2024	3/18/2024	3/18/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/13/2024
Field Sample ID		ROW-18(0-5)-031224	ROW-18(5-8)-031224	ROW-19(0-5)-031824	ROW-19(5-10)-031824	ROW-21(0-4)-031824	ROW-22(0-4)-031324	ROW-23(0-4)-031824	ROW-24(0-2)-031324	ROW-25(0-5)-031824	ROW-26(0-2)-031324	ROW-28(0-4)-031824	ROW-29(0-4)-031324	ROW-30(0-2)-031324
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25; >9.0	8.4	8.3	8.4	8.7	8.6	8.6	7.7	7.6	8.2	8.5	8.0	8.7	8.1
VOCs (mg/kg)														
Acetone	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.011 J
Methyl ethyl ketone	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0027 J
Methylene chloride	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SVOCs (mg/kg)														
2-Methylnaphthalene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.016 J	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	ND	ND	ND	ND	0.031 J	ND	0.11	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	ND	0.022 J	ND	ND	ND	ND	0.02 J	0.23 J	0.033 J	0.41	0.034 J	ND	0.096 J
Benzo(a)pyrene	0.09 / 11 / 2.1	ND	ND	ND	ND	ND	ND	ND	0.38 J	0.057	0.48	0.11	ND	0.14 J
Benzo(b)fluoranthene	0.9 / 13 / 2.1	ND	0.05	ND	ND	ND	ND	ND	0.46 J	0.059	0.56	ND	ND	0.18 J
Benzo(g,h,i)perylene	---	ND	0.035 J	ND	ND	ND	ND	ND	0.32	0.054 J	0.43	0.11	ND	0.17
Benzo(k)fluoranthene	9	ND	ND	ND	ND	ND	ND	ND	0.17 J	0.021 J	0.25	ND	ND	0.069 J
Carbazole	0.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	88	ND	0.026 J	0.022 J	ND	ND	ND	0.02 J	0.34 J	0.044	0.51	0.026 J	ND	0.14 J
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	ND	ND	ND	ND	ND	ND	ND	0.095	ND	0.11	ND	ND	ND
Fluoranthene	3100	ND	0.031 J	0.029 J	ND	ND	ND	0.029 J	0.47 J	0.044	1	0.032 J	ND	0.22 J
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	ND	ND	ND	ND	ND	ND	ND	0.22	0.067 J	0.37	ND	ND	0.12
Phenanthrene	---	ND	0.014 J	ND	ND	ND	ND	ND	0.17 J	0.021 J	0.41	0.017 J	ND	0.081 J
Pyrene	2300	ND	0.028 J	0.024 J	ND	ND	ND	0.024 J	0.5 J	0.039 J	0.73	0.041 J	ND	0.17 J
Total Metals (mg/kg)														
Aluminum, Total	---	11000	14000	13000	3700	10000	10000	15000	2300	10000	2700	7400	10000	8100
Antimony, Total	5	ND	ND	ND	ND	ND	0.21 J	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	6.7	7.8	7.6	7.5	6.9	6.4	6.5	2.4	6	3.3	6	8.3	5.7
Barium, Total	1500	41	70	81	23	64	77	150	16	100	20	47	110	110
Beryllium, Total	22	0.69 J	0.83 J	0.66	0.25	0.6	0.57	0.7	0.22	0.55	0.25	0.48	0.57	0.47
Cadmium, Total	5.2	0.25 J	0.32 J	ND	ND	ND	0.18 J	0.18 J	0.19 J	0.24 J	0.19 J	ND	0.31 J	0.2 J
Calcium, Total	---	63000	62000	34000 B	150000 B	61000 B	60000 B	10000 B	150000 B	25000 B	170000 B	70000 B	29000 B	120000 B
Chromium, Total	21	16	19	18	5.9	14	13	18	4.9	15	5.3	11	13	11
Cobalt, Total	20	11	13	11	5.7	11	7.9	10	2.8	8.6	3.8	9.6	11	7.1
Copper, Total	2900	20	24	16	16	21	15	14	6.6	19	7	15	15	12
Iron, Total	15000 / 15900	18000	20000	18000	13000	15000	16000	17000	7400	14000	14000	12000	17000	22000
Lead, Total	107	11	20	28	7.3	20	13	23	7.3	37	9.4	18	12	14
Magnesium, Total	325000	21000	21000	22000 B	91000 B	23000 B	24000 B	7400 B	94000 B	15000 B	100000 B	28000 B	19000 B	69000 B
Manganese, Total	630 / 636	350	440	500	290	300	280	430	270	460	260	320	690	350
Mercury, Total	0.89	0.045	0.017 J	0.022	ND	0.015 J	0.02	0.031	ND	0.04	ND	0.028	0.025	0.015 J
Nickel, Total	100	26	29	24	16	27	20	21	8.2	16	8.5	21	24	17
Potassium, Total	---	1900	2500	1600	980	1700	1100	1100	880	1500	900	1500	840	1000
Selenium, Total	1.3	ND	ND	0.45 J	ND	0.36 J	ND	0.69	0.47 J	0.59 J	ND	ND	0.35 J	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	0.64 J	0.088 J	2	ND	2.2	ND	0.47	1.5
Sodium, Total	---	610 B	630 B	560	450	460	120 J	210	130 J	67	130 J	370	180 J	170 J
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	20	25	29	13	23	25	33	13	24	10	17	27	20
Zinc, Total	5100	58	74	66	29	59	42	69	22	100	25	42	41	36

**Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois**

Location	Soil Reference Concentrations (MAC Table)	ROW-18	ROW-18	ROW-19	ROW-19	ROW-21	ROW-22	ROW-23	ROW-24	ROW-25	ROW-26	ROW-28	ROW-29	ROW-30
Sample Date		3/12/2024	3/12/2024	3/18/2024	3/18/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/18/2024	3/13/2024	3/13/2024
Field Sample ID		ROW-18(0-5)-031224	ROW-18(5-8)-031224	ROW-19(0-5)-031824	ROW-19(5-10)-031824	ROW-21(0-4)-031824	ROW-22(0-4)-031324	ROW-23(0-4)-031824	ROW-24(0-2)-031324	ROW-25(0-5)-031824	ROW-26(0-2)-031324	ROW-28(0-4)-031824	ROW-29(0-4)-031324	ROW-30(0-2)-031324
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
TCLP Metals (mg/l)														
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	ND	0.45 J	0.73	0.35 J	0.64	0.74 J	0.64	ND	0.59	0.14 J	0.64	0.76 J	ND
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	0.0022 J	ND	ND	ND	0.0022 J	ND	ND	ND	ND	ND	ND
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.03	0.061	0.019 J	0.024 J	ND	0.039	ND	ND	ND	0.016 J	ND	ND
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	ND	ND	0.35 J	ND	1.7	0.36 J	ND	ND	0.27 J	ND	ND	ND
Lead, TCLP	0.0075	ND	0.0095	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	1.1	5	13	3.7	4	0.29	12	1.3	0.33	1.1	3.6	3.2	4.1
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.026	0.041	0.043	0.03	0.018 J	0.035	0.01 J	ND	ND	0.023 J	0.033	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	0.016 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.04 J	ND	ND	ND	ND	ND	0.1 J	0.023 J	0.031 J	ND	ND	0.057 J
SPLP Metals (mg/l)														
Arsenic, SPLP	0.05	0.077	0.037 J	0.044 J	0.045 J	ND	ND	ND	ND	ND	ND	0.011 J	ND	ND
Barium, SPLP	2	0.62	0.45 J	0.64	0.68	0.097 J	0.08 J	0.24 J	ND	0.2 J	ND	0.25 J	0.072 J	0.069 J
Beryllium, SPLP	0.004	0.01	ND	0.0058	0.0068	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.17	0.12	0.11	0.15	0.032	0.014 J	0.033	0.012 J	0.041	0.011 J	0.062	0.018 J	0.015 J
Cobalt, SPLP	1	0.055	0.039	0.035	0.051	0.011 J	ND	ND	ND	ND	ND	0.012 J	ND	ND
Copper, SPLP	0.65	0.19	0.1	0.094	0.12	0.023 J	ND	0.017 J	ND	0.027	ND	0.045	0.011 J	ND
Iron, SPLP	5	190	110	130	170	27	11	30	9.8	38	7.2	60	12	12
Lead, SPLP	0.0075	0.12	0.11	0.091	0.13	0.011	0.01	0.021	0.0097	0.15	0.0084	0.029	0.011	0.011
Manganese, SPLP	0.15	0.91	0.65	0.69	0.9	0.19	0.042	0.48	0.076	0.28	0.056	0.22	0.11	0.082
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.2	0.12	0.11	0.16	0.029	ND	0.02 J	ND	0.025	ND	0.046	ND	ND
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.5 J	0.5 J	0.35 J	0.43 J	0.057 J	ND	0.09 J	ND	0.13 J	ND	0.16 J	ND	ND

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location		ROW-31	ROW-32	ROW-34	ROW-35	ROW-37	VL-5	VL-6
Sample Date	Soil Reference	3/18/2024	3/12/2024	3/18/2024	3/12/2024	3/13/2024	3/21/2024	3/21/2024
Field Sample ID	Concentrations (MAC Table)	ROW-31(0-4)	ROW-32(0-4)	ROW-34(0-4)	ROW-35(0-2)	ROW-37(0-5)	VL-5(0-4)	VL-6(0-4)
ISGS Site No.		031824	031224	031824	031224	031324	032124	032124
		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25; >9.0	8.2	8.1	8.9	7.7	8.0	8.9	8.5
VOCs (mg/kg)								
Acetone	---	ND	ND	ND	ND	ND	ND	0.015 J
Methyl ethyl ketone	---	ND	ND	ND	ND	ND	ND	0.0035 J
Methylene chloride	0.02	ND	ND	ND	ND	ND	ND	ND
SVOCs (mg/kg)								
2-Methylnaphthalene	---	ND	ND	0.018 J	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	0.016 J	ND	ND	ND
Anthracene	12000	ND	ND	ND	0.039 J	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	ND	0.08	0.021 J	0.27	0.011 J	ND	0.039 J
Benzo(a)pyrene	0.09 / 11 / 2.1	ND	0.09	0.046	0.36	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	ND	0.13	0.04	0.46	ND	ND	ND
Benzo(g,h,i)perylene	---	ND	0.089	0.061 J	0.3	ND	ND	0.031 J
Benzo(k)fluoranthene	9	ND	0.065 J	ND	0.23	ND	ND	ND
Carbazole	0.6	ND	ND	ND	0.039 J	ND	ND	ND
Chrysene	88	ND	0.1	0.032 J	0.36	ND	ND	0.039 J
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.18	0.026 J	0.64	0.0096 J	ND	0.038 J
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	ND	ND	0.053 J	0.21	ND	ND	ND
Phenanthrene	---	ND	0.071 J	ND	0.22	ND	ND	0.074
Pyrene	2300	ND	0.15	0.028 J	0.52	ND	ND	0.035 J
Total Metals (mg/kg)								
Aluminum, Total	---	12000	9100	7900	3400	12000	4800	5300
Antimony, Total	5	ND	ND	ND	ND	ND	0.42 J	0.33 J
Arsenic, Total	11.3 / 13.0	7	5.9	8.7	3.3	6.9	4.8	4.8
Barium, Total	1500	81 J	76	51	22	100	31	34
Beryllium, Total	22	0.7	0.61 J	0.5	0.37 J	0.69	0.38	0.32
Cadmium, Total	5.2	ND	0.22 J	ND	0.27 J	0.35 J	0.03 J	0.031 J
Calcium, Total	---	58000 B	83000	97000 B	130000	11000 B	110000 B	120000 B
Chromium, Total	21	18	10	13	6.5	14	7.3	9.1
Cobalt, Total	20	12	7.7	11	4.7	10	7.3	6.2
Copper, Total	2900	23	12	25	8.3	11	11	9.5
Iron, Total	15000 / 15900	19000	17000	26000	9500	17000	13000	14000
Lead, Total	107	14	12	15	15	19	8.3	13
Magnesium, Total	325000	20000	53000	54000	90000	7100 B	72000 B	73000 B
Manganese, Total	630 / 636	350 J	420	280	450	610	430	420
Mercury, Total	0.89	0.015 J	0.021	0.015 J	0.027	0.032	0.016 J	0.034
Nickel, Total	100	33	16	25	9.3	18	13 B	13 B
Potassium, Total	---	1700 J	930	1700	870	1200	1300	1400
Selenium, Total	1.3	0.38 J	ND	ND	0.48 J	0.71	ND	ND
Silver, Total	4.4	0.71 J	ND	1.5	ND	0.19 J	ND	ND
Sodium, Total	---	530 J	110 J	520	160 J	130 J	680	870
Thallium, Total	2.6	ND	ND	ND	ND	ND	ND	ND
Vanadium, Total	550	24	19	19	13	28	15	16
Zinc, Total	5100	62	33	67	28	51	24	28

Summary Table of ISGS Site No. 2233V3-1
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location		ROW-31	ROW-32	ROW-34	ROW-35	ROW-37	VL-5	VL-6
Sample Date	Soil Reference	3/18/2024	3/12/2024	3/18/2024	3/12/2024	3/13/2024	3/21/2024	3/21/2024
Field Sample ID	Concentrations (MAC Table)	ROW-31(0-4)	ROW-32(0-4)	ROW-34(0-4)	ROW-35(0-2)	ROW-37(0-5)	VL-5(0-4)	VL-6(0-4)
ISGS Site No.		031824	031224	031824	031224	031324	032124	032124
		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
TCLP Metals (mg/l)								
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.43 J	0.76 J	0.6	ND	ND	0.18 J	0.38 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	ND	ND	ND	0.0022 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	0.062	0.011 J	ND	0.033	0.037
Copper, TCLP	0.65	ND	ND	0.08	ND	ND	0.011 J	ND
Iron, TCLP	5	ND	ND	1.5 J	ND	ND	0.59	1.3
Lead, TCLP	0.0075	ND	ND	0.031	ND	ND	ND	ND
Manganese, TCLP	0.15	2.1	0.017 J	6.5	0.89	0.17	1.7	7
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	0.00039	ND
Nickel, TCLP	0.1	0.016 J	0.015 J	0.089	0.014 J	ND	0.014 J	0.052
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	0.015 J	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	0.06 J	0.025 J	ND	ND	0.042 J
SPLP Metals (mg/l)								
Arsenic, SPLP	0.05	ND	ND	0.022 J	ND	ND	ND	0.035 J
Barium, SPLP	2	0.073 J	ND	0.34 J	ND	0.28 J	ND	0.29 J
Beryllium, SPLP	0.004	ND	ND	0.005	ND	ND	ND	0.0051
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.016 J	ND	0.11	ND	0.053	ND	0.088
Cobalt, SPLP	1	ND	ND	0.044	ND	ND	ND	0.029
Copper, SPLP	0.65	0.012 J	ND	0.079	ND	0.022 J	ND	0.086
Iron, SPLP	5	13	3.2	91	5.3	52	1.4	110
Lead, SPLP	0.0075	ND	ND	0.059	ND	0.047	ND	0.058
Manganese, SPLP	0.15	0.052	0.011 J	0.78	0.03	0.28	0.02 J	1
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	ND	0.11	ND	0.025	ND	0.087
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.033 J	ND	0.21 J	ND	ND	ND	0.21 J

Notes:

--- - not applicable or value not available.

Reference concentrations from MAC Table include background values for Chicago corporate limits and MSA counties, as applicable.

ND - Constituent not detected above the reporting limit.

B - Compound was found in the blank and the investigative sample.

J - Estimated concentration.

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

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JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247953-1

Eurofins Chicago

Job Notes

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Authorization



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Authorized for release by
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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-5(0-4)-032124

Lab Sample ID: 500-247953-9

Date Collected: 03/21/24 23:20

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 83.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00065	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Vinyl chloride	<0.0015		0.0015	0.00065	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	☆	03/22/24 18:13	03/25/24 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		75 - 131	03/22/24 18:13	03/25/24 21:15	1
Dibromofluoromethane (Surr)	107		75 - 126	03/22/24 18:13	03/25/24 21:15	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	03/22/24 18:13	03/25/24 21:15	1
Toluene-d8 (Surr)	103		75 - 124	03/22/24 18:13	03/25/24 21:15	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-5(0-4)-032124

Lab Sample ID: 500-247953-9

Date Collected: 03/21/24 23:20

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 83.6

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,4-Dimethylphenol	<0.38		0.38	0.084	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Methylnaphthalene	<0.076		0.076	0.0076	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Benzo[a]anthracene	<0.038		0.038	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Benzo[a]pyrene	<0.038		0.038	0.036	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0082	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Chrysene	<0.038		0.038	0.0099	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-5(0-4)-032124

Lab Sample ID: 500-247953-9

Date Collected: 03/21/24 23:20

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 83.6

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Naphthalene	<0.038		0.038	0.0068	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0074	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Pentachlorophenol	<0.76		0.76	0.094	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Phenanthrene	<0.038		0.038	0.0082	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1
Pyrene	<0.038		0.038	0.010	mg/Kg	☆	03/24/24 16:33	03/25/24 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143	03/24/24 16:33	03/25/24 19:54	1
2-Fluorobiphenyl (Surr)	80		43 - 145	03/24/24 16:33	03/25/24 19:54	1
2-Fluorophenol (Surr)	77		31 - 166	03/24/24 16:33	03/25/24 19:54	1
Nitrobenzene-d5 (Surr)	76		37 - 147	03/24/24 16:33	03/25/24 19:54	1
Phenol-d5 (Surr)	78		30 - 153	03/24/24 16:33	03/25/24 19:54	1
Terphenyl-d14 (Surr)	77		42 - 157	03/24/24 16:33	03/25/24 19:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4800		11	4.5	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Antimony	0.42	J	1.1	0.21	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Arsenic	4.8		0.55	0.19	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Barium	31		2.8	0.31	mg/Kg	☆	03/25/24 17:29	04/01/24 22:53	5
Beryllium	0.38		0.22	0.051	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Cadmium	0.030	J	0.11	0.020	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Calcium	110000	B	55	9.3	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Chromium	7.3		0.55	0.27	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Cobalt	7.3		0.28	0.072	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Copper	11		0.55	0.15	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Iron	13000		55	29	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Lead	8.3		1.4	0.64	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Magnesium	72000	B	28	14	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Manganese	430		0.55	0.080	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Nickel	13	B	0.55	0.16	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Potassium	1300		140	49	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Selenium	<0.55		0.55	0.32	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Silver	<1.4		1.4	0.35	mg/Kg	☆	03/25/24 17:29	04/01/24 22:53	5
Sodium	680		280	41	mg/Kg	☆	03/25/24 17:29	04/02/24 16:51	5
Thallium	<0.55		0.55	0.27	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Vanadium	15		0.28	0.065	mg/Kg	☆	03/25/24 17:29	03/29/24 19:23	1
Zinc	24		5.5	2.4	mg/Kg	☆	03/25/24 17:29	04/01/24 22:53	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/26/24 16:21	03/29/24 02:26	1
Barium	0.18	J	0.50	0.050	mg/L		03/26/24 16:21	03/29/24 02:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:21	04/01/24 12:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/26/24 16:21	03/29/24 02:26	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-5(0-4)-032124

Lab Sample ID: 500-247953-9

Date Collected: 03/21/24 23:20

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 83.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:26	1
Cobalt	0.033		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:26	1
Copper	0.011	J	0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:26	1
Iron	0.59		0.40	0.20	mg/L		03/26/24 16:21	03/29/24 02:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/26/24 16:21	03/29/24 21:26	1
Manganese	1.7		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:26	1
Nickel	0.014	J	0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:26	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:21	03/29/24 02:26	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:26	1
Zinc	<0.50		0.50	0.020	mg/L		03/26/24 16:21	03/29/24 21:26	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/25/24 16:23	03/30/24 01:40	1
Barium	<0.50		0.50	0.050	mg/L		03/25/24 16:23	03/30/24 01:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/25/24 16:23	04/03/24 14:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:23	03/30/24 01:40	1
Chromium	<0.025		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:40	1
Cobalt	<0.025		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:40	1
Copper	<0.025		0.025	0.010	mg/L		03/25/24 16:23	04/02/24 02:51	1
Iron	1.4		0.40	0.20	mg/L		03/25/24 16:23	04/03/24 14:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/25/24 16:23	03/30/24 01:40	1
Manganese	0.020	J	0.025	0.010	mg/L		03/25/24 16:23	04/03/24 14:54	1
Nickel	<0.025		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:40	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:23	03/30/24 01:40	1
Silver	<0.025		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:40	1
Zinc	<0.50		0.50	0.020	mg/L		03/25/24 16:23	03/30/24 01:40	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00039		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:25	1

Method: SW846 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		04/01/24 10:20	04/02/24 12:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.019	0.0098	mg/Kg	☼	03/29/24 16:35	04/01/24 08:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			03/27/24 15:09	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-6(0-4)-032124

Lab Sample ID: 500-247953-10

Date Collected: 03/21/24 23:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.015	J	0.016	0.0070	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Methyl Ethyl Ketone	0.0035	J	0.0040	0.0018	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☼	03/22/24 18:13	03/25/24 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/22/24 18:13	03/25/24 21:40	1
Dibromofluoromethane (Surr)	109		75 - 126	03/22/24 18:13	03/25/24 21:40	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/22/24 18:13	03/25/24 21:40	1
Toluene-d8 (Surr)	102		75 - 124	03/22/24 18:13	03/25/24 21:40	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.37		0.37	0.052	mg/Kg	☼	03/24/24 16:33	03/26/24 01:24	2
1,2-Dichlorobenzene	<0.37		0.37	0.030	mg/Kg	☼	03/24/24 16:33	03/26/24 01:24	2
1,3-Dichlorobenzene	<0.37		0.37	0.033	mg/Kg	☼	03/24/24 16:33	03/26/24 01:24	2
1,4-Dichlorobenzene	<0.37		0.37	0.034	mg/Kg	☼	03/24/24 16:33	03/26/24 01:24	2
2,2'-oxybis[1-chloropropane]	<0.37		0.37	0.052	mg/Kg	☼	03/24/24 16:33	03/26/24 01:24	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-6(0-4)-032124

Lab Sample ID: 500-247953-10

Date Collected: 03/21/24 23:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.72		0.72	0.027	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,4,6-Trichlorophenol	<0.72		0.72	0.025	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,4-Dichlorophenol	<0.72		0.72	0.026	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,4-Dimethylphenol	<0.72		0.72	0.16	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,4-Dinitrotoluene	<0.37		0.37	0.041	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2,6-Dinitrotoluene	<0.37		0.37	0.025	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Chloronaphthalene	<0.37		0.37	0.027	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Chlorophenol	<0.37		0.37	0.023	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Methylphenol	<0.37		0.37	0.038	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Nitroaniline	<0.37		0.37	0.039	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
2-Nitrophenol	<0.72		0.72	0.049	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
3 & 4 Methylphenol	<0.37		0.37	0.053	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
3,3'-Dichlorobenzidine	<0.37		0.37	0.059	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
3-Nitroaniline	<0.72		0.72	0.033	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Bromophenyl phenyl ether	<0.37		0.37	0.050	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Chloro-3-methylphenol	<0.72		0.72	0.028	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Chloroaniline	<1.5		1.5	0.76	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Chlorophenyl phenyl ether	<0.37		0.37	0.095	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Nitroaniline	<0.72		0.72	0.054	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
4-Nitrophenol	<1.5		1.5	0.27	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Acenaphthene	<0.072		0.072	0.015	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Acenaphthylene	<0.072		0.072	0.012	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Anthracene	<0.072		0.072	0.015	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Benzo[a]anthracene	0.039 J		0.072	0.015	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Benzo[a]pyrene	<0.072		0.072	0.070	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Benzo[b]fluoranthene	<0.072		0.072	0.069	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Benzo[g,h,i]perylene	0.031 J		0.072	0.016	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Benzo[k]fluoranthene	<0.072		0.072	0.028	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Bis(2-chloroethoxy)methane	<0.37		0.37	0.027	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Bis(2-chloroethyl)ether	<0.37		0.37	0.033	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Bis(2-ethylhexyl) phthalate	<0.37		0.37	0.28	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Butyl benzyl phthalate	<0.37		0.37	0.036	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Carbazole	<0.37		0.37	0.029	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Chrysene	0.039 J		0.072	0.019	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Dibenz(a,h)anthracene	<0.072		0.072	0.072	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Dibenzofuran	<0.37		0.37	0.026	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Diethyl phthalate	<0.37		0.37	0.033	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Dimethyl phthalate	<0.37		0.37	0.016	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Di-n-butyl phthalate	<0.37		0.37	0.023	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Di-n-octyl phthalate	<0.72		0.72	0.51	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Fluoranthene	0.038 J		0.072	0.017	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Fluorene	<0.072		0.072	0.021	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Hexachlorobutadiene	<0.37		0.37	0.041	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Hexachlorocyclopentadiene	<1.5		1.5	0.77	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2
Hexachloroethane	<0.37		0.37	0.036	mg/Kg	✱	03/24/24 16:33	03/26/24 01:24	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-6(0-4)-032124

Lab Sample ID: 500-247953-10

Date Collected: 03/21/24 23:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.072		0.072	0.071	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Isophorone	<0.37		0.37	0.037	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Naphthalene	<0.072		0.072	0.013	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Nitrobenzene	<0.072		0.072	0.023	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.014	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
N-Nitrosodiphenylamine	<0.37		0.37	0.043	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Phenanthrene	0.074		0.072	0.016	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Phenol	<0.37		0.37	0.032	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2
Pyrene	0.035	J	0.072	0.020	mg/Kg	✳	03/24/24 16:33	03/26/24 01:24	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	03/24/24 16:33	03/26/24 01:24	2
2-Fluorobiphenyl (Surr)	68		43 - 145	03/24/24 16:33	03/26/24 01:24	2
2-Fluorophenol (Surr)	61		31 - 166	03/24/24 16:33	03/26/24 01:24	2
Nitrobenzene-d5 (Surr)	59		37 - 147	03/24/24 16:33	03/26/24 01:24	2
Phenol-d5 (Surr)	65		30 - 153	03/24/24 16:33	03/26/24 01:24	2
Terphenyl-d14 (Surr)	66		42 - 157	03/24/24 16:33	03/26/24 01:24	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5300		11	4.5	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Antimony	0.33	J	1.1	0.21	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Arsenic	4.8		0.55	0.19	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Barium	34		2.8	0.31	mg/Kg	✳	03/25/24 17:29	04/01/24 22:57	5
Beryllium	0.32		0.22	0.052	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Cadmium	0.031	J	0.11	0.020	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Calcium	120000	B	55	9.4	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Chromium	9.1		0.55	0.27	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Cobalt	6.2		0.28	0.072	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Copper	9.5		0.55	0.15	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Iron	14000		55	29	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Lead	13		1.4	0.64	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Magnesium	73000	B	28	14	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Manganese	420		0.55	0.080	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Nickel	13	B	0.55	0.16	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Potassium	1400		140	49	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Selenium	<0.55		0.55	0.32	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Silver	<1.4		1.4	0.36	mg/Kg	✳	03/25/24 17:29	04/01/24 22:57	5
Sodium	870		280	41	mg/Kg	✳	03/25/24 17:29	04/02/24 16:54	5
Thallium	<0.55		0.55	0.28	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Vanadium	16		0.28	0.065	mg/Kg	✳	03/25/24 17:29	03/29/24 19:27	1
Zinc	28		5.5	2.4	mg/Kg	✳	03/25/24 17:29	04/01/24 22:57	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/26/24 16:21	03/29/24 02:31	1
Barium	0.38	J	0.50	0.050	mg/L		03/26/24 16:21	03/29/24 02:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:21	04/01/24 13:03	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		03/26/24 16:21	03/29/24 02:31	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-6(0-4)-032124

Lab Sample ID: 500-247953-10

Date Collected: 03/21/24 23:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 88.2

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:31	1
Cobalt	0.037		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:30	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:31	1
Iron	1.3		0.40	0.20	mg/L		03/26/24 16:21	03/29/24 02:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/26/24 16:21	03/29/24 21:30	1
Manganese	7.0		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:31	1
Nickel	0.052		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:30	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:21	03/29/24 02:31	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:31	1
Zinc	0.042 J		0.50	0.020	mg/L		03/26/24 16:21	03/29/24 21:30	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.035 J		0.050	0.010	mg/L		03/25/24 16:23	03/30/24 01:44	1
Barium	0.29 J		0.50	0.050	mg/L		03/25/24 16:23	03/30/24 01:44	1
Beryllium	0.0051		0.0040	0.0040	mg/L		03/25/24 16:23	04/03/24 14:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:23	03/30/24 01:44	1
Chromium	0.088		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:44	1
Cobalt	0.029		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:44	1
Copper	0.086		0.025	0.010	mg/L		03/25/24 16:23	04/02/24 02:55	1
Iron	110		0.40	0.20	mg/L		03/25/24 16:23	04/03/24 14:58	1
Lead	0.058		0.0075	0.0075	mg/L		03/25/24 16:23	03/30/24 01:44	1
Manganese	1.0		0.025	0.010	mg/L		03/25/24 16:23	04/03/24 14:58	1
Nickel	0.087		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:44	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:23	03/30/24 01:44	1
Silver	<0.025		0.025	0.010	mg/L		03/25/24 16:23	03/30/24 01:44	1
Zinc	0.21 J		0.50	0.020	mg/L		03/25/24 16:23	03/30/24 01:44	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:27	1

Method: SW846 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		04/01/24 10:20	04/02/24 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.017	0.0092	mg/Kg	☼	03/29/24 16:35	04/01/24 08:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			03/27/24 15:11	1

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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Chain of Custody Record 720459



Environment Testing
America

500-247953 COC

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <i>A. Slesens</i>		Site Contact: <i>C. Pace</i>		Date:		COC No	
Company Name: <i>Weston Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		1 of 3 COCs	
Address: <i>300 Knightsbridge Pkwy</i>		Analysis Turnaround Time							
City/State/Zip: <i>Lincoln Shire, Pa 60069</i>		<input type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS				Sampler	
Phone:		TAT if different from Below _____						For Lab Use Only:	
Fax:		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week				Walk-in Client	
Project Name: <i>EDOT 065</i>		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day				Lab Sampling	
Site: <i>ESD / EBS</i>								Job / SDG No	
P O #:								<i>500-247953</i>	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1	<i>VL-1(0-5)-032124</i>	<i>3/21/24</i>	<i>1010</i>	<i>6</i>	<i>S</i>	<i>6</i>			
2	<i>VL-1(5-10)-032124</i>		<i>1015</i>						
3	<i>VL-1(0-5)-032124D</i>		<i>1010</i>						
4	<i>VL-2(0-5)-032124</i>		<i>1035</i>						
5	<i>VL-2(5-10)-032124</i>		<i>1040</i>						
6	<i>VL-3(0-4)-032124</i>		<i>1050</i>						
7	<i>VL-4(0-4)-032124</i>		<i>1110</i>						
8	<i>VL-4(0-4)-032124D</i>		<i>1110</i>						
9	<i>VL-5(0-4)-032124</i>		<i>1120</i>						
10	<i>VL-6(0-4)-032124</i>		<i>1130</i>						
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 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:									
<i>4.0-3.3, 4.1-3.4 48qt</i>									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Cont'd		Therm ID No	
Relinquished by: <i>[Signature]</i>		Company: <i>WS</i>		Date/Time: <i>3/22/24 1300</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>	
Relinquished by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>	
Relinquished by: <i>[Signature]</i>		Company:		Date/Time:		Received in Laboratory by:		Company:	

Chain of Custody Record 720461



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <i>A. Sleser</i>		Site Contact: <i>C. Fine</i>		Date:		COC No								
Company Name: <i>Western Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		2 of 3 COCs								
Address: <i>300 Knightsbridge Pkwy</i>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day														
City/State/Zip: <i>Lincolnshire, IL 60068</i>																
Phone:																
Fax:																
Project Name: <i>F087 065</i>																
Site: <i>I80/I55</i>		Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOES	SUOCs	Total Metals	TRCP / SRCP Methods	PA	Sample Specific Notes
11	VL-7(0-4)-032224	3-21-24	1150	G	S	G		6			X	X	X	X	X	
12	VL-7(0-4)-032224D	3-21-24	1150													
13	VL-8(0-4)-032224	3-22-24	0000													
14	VL-9(0-4)-032224		0015													
15	VL-10(0-4)-032224		0035													
16	VL-11(0-5)-032224		0050													
17	VL-11(5-10)-032224		0100													
18	VL-12(0-5)-032224		0115													
19	VL-12(5-10)-032224		0120													
20	VL-12(5-10)-032224D		0120													
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:																
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: <i>[Signature]</i>		Company: <i>US</i>		Date/Time: <i>3-22-24 1320</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1320</i>						
Relinquished by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>		Received by: <i>[Signature]</i>		Company: <i>[Signature]</i>		Date/Time: <i>3/22/24 1412</i>						
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:						



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 4/1/2024 5:38:21 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247658-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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4/1/2024 5:38:21 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(0-5)-031824

Lab Sample ID: 500-247658-2

Date Collected: 03/18/24 09:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 79.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Ethylbenzene	<0.0016		0.0016	0.00075	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Vinyl chloride	<0.0016		0.0016	0.00069	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	03/18/24 16:20	03/19/24 11:19	1
Dibromofluoromethane (Surr)	106		75 - 126	03/18/24 16:20	03/19/24 11:19	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	03/18/24 16:20	03/19/24 11:19	1
Toluene-d8 (Surr)	116		75 - 124	03/18/24 16:20	03/19/24 11:19	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.40		0.40	0.057	mg/Kg	☆	03/22/24 07:59	03/25/24 19:37	2
1,2-Dichlorobenzene	<0.40		0.40	0.032	mg/Kg	☆	03/22/24 07:59	03/25/24 19:37	2
1,3-Dichlorobenzene	<0.40		0.40	0.036	mg/Kg	☆	03/22/24 07:59	03/25/24 19:37	2
1,4-Dichlorobenzene	<0.40		0.40	0.038	mg/Kg	☆	03/22/24 07:59	03/25/24 19:37	2
2,2'-oxybis[1-chloropropane]	<0.40		0.40	0.057	mg/Kg	☆	03/22/24 07:59	03/25/24 19:37	2

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(0-5)-031824

Lab Sample ID: 500-247658-2

Date Collected: 03/18/24 09:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.79		0.79	0.030	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,4,6-Trichlorophenol	<0.79		0.79	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,4-Dichlorophenol	<0.79		0.79	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,4-Dimethylphenol	<0.79		0.79	0.18	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,4-Dinitrophenol	<1.6		1.6	0.46	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,4-Dinitrotoluene	<0.40		0.40	0.045	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2,6-Dinitrotoluene	<0.40		0.40	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Chloronaphthalene	<0.40		0.40	0.030	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Chlorophenol	<0.40		0.40	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Methylnaphthalene	<0.16		0.16	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Methylphenol	<0.40		0.40	0.042	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Nitroaniline	<0.40		0.40	0.043	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
2-Nitrophenol	<0.79		0.79	0.054	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
3 & 4 Methylphenol	<0.40		0.40	0.058	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
3,3'-Dichlorobenzidine	<0.40		0.40	0.065	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
3-Nitroaniline	<0.79		0.79	0.036	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4,6-Dinitro-2-methylphenol	<1.6		1.6	0.45	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Bromophenyl phenyl ether	<0.40		0.40	0.055	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Chloro-3-methylphenol	<0.79		0.79	0.031	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Chloroaniline	<1.6		1.6	0.84	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Chlorophenyl phenyl ether	<0.40		0.40	0.10	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Nitroaniline	<0.79		0.79	0.059	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
4-Nitrophenol	<1.6		1.6	0.30	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Acenaphthene	<0.079		0.079	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Acenaphthylene	<0.079		0.079	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Anthracene	<0.079		0.079	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Benzo[a]anthracene	<0.079		0.079	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Benzo[a]pyrene	<0.079		0.079	0.077	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Benzo[b]fluoranthene	<0.079		0.079	0.076	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Benzo[g,h,i]perylene	<0.079		0.079	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Benzo[k]fluoranthene	<0.079		0.079	0.030	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Bis(2-chloroethoxy)methane	<0.40		0.40	0.030	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Bis(2-chloroethyl)ether	<0.40		0.40	0.037	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Bis(2-ethylhexyl) phthalate	<0.40		0.40	0.31	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Butyl benzyl phthalate	<0.40		0.40	0.040	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Carbazole	<0.40		0.40	0.032	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Chrysene	0.022	J	0.079	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Dibenz(a,h)anthracene	<0.079		0.079	0.079	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Dibenzofuran	<0.40		0.40	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Diethyl phthalate	<0.40		0.40	0.037	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Dimethyl phthalate	<0.40		0.40	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Di-n-butyl phthalate	<0.40		0.40	0.025	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Di-n-octyl phthalate	<0.79		0.79	0.56	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Fluoranthene	0.029	J	0.079	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Fluorene	<0.079		0.079	0.024	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Hexachlorobenzene	<0.16		0.16	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Hexachlorobutadiene	<0.40		0.40	0.045	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Hexachlorocyclopentadiene	<1.6		1.6	0.85	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2
Hexachloroethane	<0.40		0.40	0.040	mg/Kg	✳	03/22/24 07:59	03/25/24 19:37	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(0-5)-031824

Lab Sample ID: 500-247658-2

Date Collected: 03/18/24 09:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.079		0.079	0.078	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Isophorone	<0.40		0.40	0.041	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Naphthalene	<0.079		0.079	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Nitrobenzene	<0.079		0.079	0.025	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
N-Nitrosodi-n-propylamine	<0.16		0.16	0.016	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
N-Nitrosodiphenylamine	<0.40		0.40	0.047	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Pentachlorophenol	<1.6		1.6	0.20	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Phenanthrene	<0.079		0.079	0.017	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Phenol	<0.40		0.40	0.035	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Pyrene	0.024	J	0.079	0.022	mg/Kg	✱	03/22/24 07:59	03/25/24 19:37	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				03/22/24 07:59	03/25/24 19:37	2
2-Fluorobiphenyl (Surr)	60		43 - 145				03/22/24 07:59	03/25/24 19:37	2
2-Fluorophenol (Surr)	55		31 - 166				03/22/24 07:59	03/25/24 19:37	2
Nitrobenzene-d5 (Surr)	51		37 - 147				03/22/24 07:59	03/25/24 19:37	2
Phenol-d5 (Surr)	58		30 - 153				03/22/24 07:59	03/25/24 19:37	2
Terphenyl-d14 (Surr)	64		42 - 157				03/22/24 07:59	03/25/24 19:37	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	5.0	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Antimony	<1.2		1.2	0.24	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Arsenic	7.6		0.61	0.21	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Barium	81		0.61	0.069	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Beryllium	0.66		0.24	0.057	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Cadmium	<0.12		0.12	0.022	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Calcium	34000	B	12	2.1	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Chromium	18		0.61	0.30	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Cobalt	11		0.30	0.080	mg/Kg	✱	03/20/24 17:52	03/27/24 22:58	1
Copper	16		0.61	0.17	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Iron	18000		12	6.3	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Lead	28		0.30	0.14	mg/Kg	✱	03/20/24 17:52	03/27/24 22:58	1
Magnesium	22000	B	6.1	3.0	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Manganese	500		0.61	0.088	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Nickel	24		0.61	0.18	mg/Kg	✱	03/20/24 17:52	03/27/24 22:58	1
Potassium	1600		30	11	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Selenium	0.45	J	0.61	0.36	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Silver	<0.30		0.30	0.078	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Sodium	560		61	9.0	mg/Kg	✱	03/20/24 17:52	03/27/24 22:58	1
Thallium	<0.61		0.61	0.30	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Vanadium	29		0.30	0.072	mg/Kg	✱	03/20/24 17:52	03/27/24 02:58	1
Zinc	66		1.2	0.53	mg/Kg	✱	03/20/24 17:52	03/27/24 22:58	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Barium	0.73		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 16:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 16:36	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 17:37	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(0-5)-031824

Lab Sample ID: 500-247658-2

Date Collected: 03/18/24 09:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 79.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Cobalt	0.061		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 16:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 16:36	1
Manganese	13		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 16:36	1
Nickel	0.041		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 17:37	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:37	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 17:37	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.044	J	0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Barium	0.64		0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:23	1
Beryllium	0.0058		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:23	1
Chromium	0.11		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Cobalt	0.035		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Copper	0.094		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Iron	130		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:23	1
Lead	0.091	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:23	1
Manganese	0.69		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Nickel	0.11		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:23	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:23	1
Zinc	0.35	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:23	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 08:51	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.021	0.011	mg/Kg	☼	03/27/24 16:30	03/28/24 09:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/25/24 14:13	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(5-10)-031824

Lab Sample ID: 500-247658-3

Date Collected: 03/18/24 09:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 11:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	03/18/24 16:20	03/19/24 11:43	1
Dibromofluoromethane (Surr)	107		75 - 126	03/18/24 16:20	03/19/24 11:43	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/18/24 16:20	03/19/24 11:43	1
Toluene-d8 (Surr)	114		75 - 124	03/18/24 16:20	03/19/24 11:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(5-10)-031824

Lab Sample ID: 500-247658-3

Date Collected: 03/18/24 09:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 88.8

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Methylnaphthalene	<0.074		0.074	0.0073	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0079	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 14:40	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(5-10)-031824

Lab Sample ID: 500-247658-3

Date Collected: 03/18/24 09:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 88.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0072	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Pentachlorophenol	<0.74		0.74	0.091	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Pyrene	<0.036		0.036	0.010	mg/Kg	✱	03/22/24 07:59	03/25/24 14:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143				03/22/24 07:59	03/25/24 14:40	1
2-Fluorobiphenyl (Surr)	59		43 - 145				03/22/24 07:59	03/25/24 14:40	1
2-Fluorophenol (Surr)	63		31 - 166				03/22/24 07:59	03/25/24 14:40	1
Nitrobenzene-d5 (Surr)	55		37 - 147				03/22/24 07:59	03/25/24 14:40	1
Phenol-d5 (Surr)	60		30 - 153				03/22/24 07:59	03/25/24 14:40	1
Terphenyl-d14 (Surr)	67		42 - 157				03/22/24 07:59	03/25/24 14:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		10	4.3	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Antimony	<1.0		1.0	0.20	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Arsenic	7.5		0.52	0.18	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Barium	23		2.6	0.30	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Beryllium	0.25		0.21	0.049	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Cadmium	<0.10		0.10	0.019	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Calcium	150000	B	52	8.9	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Chromium	5.9		0.52	0.26	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Cobalt	5.7		1.3	0.34	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Copper	16		2.6	0.73	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Iron	13000		52	27	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Lead	7.3		1.3	0.60	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Magnesium	91000	B	26	13	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Manganese	290		0.52	0.076	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Nickel	16		2.6	0.76	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Potassium	980		26	9.3	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Selenium	<0.52		0.52	0.31	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Silver	<0.26		0.26	0.067	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Sodium	450		260	39	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5
Thallium	<0.52		0.52	0.26	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Vanadium	13		0.26	0.062	mg/Kg	✱	03/20/24 17:52	03/27/24 03:02	1
Zinc	29		5.2	2.3	mg/Kg	✱	03/20/24 17:52	03/27/24 23:01	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Barium	0.35	J	0.50	0.050	mg/L		03/22/24 08:06	03/27/24 16:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 16:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 17:42	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-19(5-10)-031824

Lab Sample ID: 500-247658-3

Date Collected: 03/18/24 09:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 88.8

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Cobalt	0.019	J	0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Iron	0.35	J	0.40	0.20	mg/L		03/22/24 08:06	03/27/24 16:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 16:40	1
Manganese	3.7		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 16:40	1
Nickel	0.043		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 17:42	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:42	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 17:42	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.045	J	0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Barium	0.68		0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:27	1
Beryllium	0.0068		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:27	1
Chromium	0.15		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Cobalt	0.051		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Copper	0.12		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Iron	170		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:27	1
Lead	0.13	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:27	1
Manganese	0.90		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Nickel	0.16		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:27	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:27	1
Zinc	0.43	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:27	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 08:53	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0095	mg/Kg	☼	03/27/24 16:30	03/28/24 09:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			03/25/24 14:15	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-23(0-4)-031824

Lab Sample ID: 500-247658-5

Date Collected: 03/18/24 10:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 76.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0085	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Bromomethane	<0.0049		0.0049	0.0018	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Chlorobenzene	<0.0020		0.0020	0.00072	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,1-Dichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,2-Dichloropropane	<0.0020		0.0020	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Ethylbenzene	<0.0020		0.0020	0.00093	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Methyl Ethyl Ketone	<0.0049		0.0049	0.0022	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00057	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Tetrachloroethene	<0.0020		0.0020	0.00066	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Toluene	<0.0020		0.0020	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Vinyl chloride	<0.0020		0.0020	0.00086	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/18/24 16:20	03/19/24 12:32	1
Dibromofluoromethane (Surr)	107		75 - 126	03/18/24 16:20	03/19/24 12:32	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	03/18/24 16:20	03/19/24 12:32	1
Toluene-d8 (Surr)	115		75 - 124	03/18/24 16:20	03/19/24 12:32	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.22		0.22	0.031	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
1,2-Dichlorobenzene	<0.22		0.22	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
1,3-Dichlorobenzene	<0.22		0.22	0.019	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
1,4-Dichlorobenzene	<0.22		0.22	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.031	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-23(0-4)-031824

Lab Sample ID: 500-247658-5

Date Collected: 03/18/24 10:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 76.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.43		0.43	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,4,6-Trichlorophenol	<0.43		0.43	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,4-Dichlorophenol	<0.43		0.43	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,4-Dimethylphenol	<0.43		0.43	0.096	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,4-Dinitrophenol	<0.87		0.87	0.25	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,4-Dinitrotoluene	<0.22		0.22	0.024	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2,6-Dinitrotoluene	<0.22		0.22	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Chloronaphthalene	<0.22		0.22	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Chlorophenol	<0.22		0.22	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Methylnaphthalene	<0.087		0.087	0.0086	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Methylphenol	<0.22		0.22	0.023	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Nitroaniline	<0.22		0.22	0.023	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
2-Nitrophenol	<0.43		0.43	0.029	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
3 & 4 Methylphenol	<0.22		0.22	0.031	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.035	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
3-Nitroaniline	<0.43		0.43	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4,6-Dinitro-2-methylphenol	<0.87		0.87	0.24	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.029	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Chloro-3-methylphenol	<0.43		0.43	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Chloroaniline	<0.87		0.87	0.45	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.056	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Nitroaniline	<0.43		0.43	0.032	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
4-Nitrophenol	<0.87		0.87	0.16	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Acenaphthene	<0.043		0.043	0.0087	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Acenaphthylene	<0.043		0.043	0.0073	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Anthracene	<0.043		0.043	0.0088	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Benzo[a]anthracene	0.020	J	0.043	0.0091	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Benzo[a]pyrene	<0.043		0.043	0.041	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Benzo[b]fluoranthene	<0.043		0.043	0.041	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Benzo[g,h,i]perylene	<0.043		0.043	0.0093	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Benzo[k]fluoranthene	<0.043		0.043	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Bis(2-chloroethyl)ether	<0.22		0.22	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.17	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Butyl benzyl phthalate	<0.22		0.22	0.021	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Carbazole	<0.22		0.22	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Chrysene	0.020	J	0.043	0.011	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Dibenz(a,h)anthracene	<0.043		0.043	0.043	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Dibenzofuran	<0.22		0.22	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Diethyl phthalate	<0.22		0.22	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Dimethyl phthalate	<0.22		0.22	0.0093	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Di-n-butyl phthalate	<0.22		0.22	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Di-n-octyl phthalate	<0.43		0.43	0.30	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Fluoranthene	0.029	J	0.043	0.010	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Fluorene	<0.043		0.043	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Hexachlorobenzene	<0.087		0.087	0.0082	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Hexachlorobutadiene	<0.22		0.22	0.024	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Hexachlorocyclopentadiene	<0.87		0.87	0.46	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1
Hexachloroethane	<0.22		0.22	0.022	mg/Kg	☆	03/22/24 07:59	03/25/24 17:34	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-23(0-4)-031824

Lab Sample ID: 500-247658-5

Date Collected: 03/18/24 10:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 76.5

Method: SW846 8270E - 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		0.043	0.042	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Isophorone	<0.22		0.22	0.022	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Naphthalene	<0.043		0.043	0.0078	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Nitrobenzene	<0.043		0.043	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
N-Nitrosodi-n-propylamine	<0.087		0.087	0.0085	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
N-Nitrosodiphenylamine	<0.22		0.22	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Pentachlorophenol	<0.87		0.87	0.11	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Phenanthrene	<0.043		0.043	0.0094	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Phenol	<0.22		0.22	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1
Pyrene	0.024	J	0.043	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	03/22/24 07:59	03/25/24 17:34	1
2-Fluorobiphenyl (Surr)	65		43 - 145	03/22/24 07:59	03/25/24 17:34	1
2-Fluorophenol (Surr)	67		31 - 166	03/22/24 07:59	03/25/24 17:34	1
Nitrobenzene-d5 (Surr)	60		37 - 147	03/22/24 07:59	03/25/24 17:34	1
Phenol-d5 (Surr)	65		30 - 153	03/22/24 07:59	03/25/24 17:34	1
Terphenyl-d14 (Surr)	68		42 - 157	03/22/24 07:59	03/25/24 17:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		12	5.0	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Antimony	<1.2		1.2	0.24	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Arsenic	6.5		0.61	0.21	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Barium	150		0.61	0.070	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Beryllium	0.70		0.24	0.057	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Cadmium	0.18	B	0.12	0.022	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Calcium	10000	B	12	2.1	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Chromium	18		0.61	0.30	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Cobalt	10		0.31	0.080	mg/Kg	✳	03/20/24 17:52	03/27/24 23:09	1
Copper	14		0.61	0.17	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Iron	17000		12	6.4	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Lead	23		0.31	0.14	mg/Kg	✳	03/20/24 17:52	03/27/24 23:09	1
Magnesium	7400	B	6.1	3.0	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Manganese	430		0.61	0.089	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Nickel	21		0.61	0.18	mg/Kg	✳	03/20/24 17:52	03/27/24 23:09	1
Potassium	1100		31	11	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Selenium	0.69		0.61	0.36	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Silver	0.088	J	0.31	0.079	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Sodium	210		61	9.0	mg/Kg	✳	03/20/24 17:52	03/27/24 23:09	1
Thallium	<0.61		0.61	0.30	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Vanadium	33		0.31	0.072	mg/Kg	✳	03/20/24 17:52	03/27/24 03:11	1
Zinc	69		1.2	0.54	mg/Kg	✳	03/20/24 17:52	03/27/24 23:09	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Barium	0.64		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 16:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 16:58	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 17:50	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-23(0-4)-031824

Lab Sample ID: 500-247658-5

Date Collected: 03/18/24 10:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 76.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Cobalt	0.039		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Iron	0.36	J	0.40	0.20	mg/L		03/22/24 08:06	03/27/24 16:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 16:58	1
Manganese	12		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 16:58	1
Nickel	0.035		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 17:50	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 17:50	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 17:50	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Barium	0.24	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:31	1
Chromium	0.033		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Copper	0.017	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Iron	30		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:31	1
Lead	0.021	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:31	1
Manganese	0.48		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Nickel	0.020	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:31	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:31	1
Zinc	0.090	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:31	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 08:57	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.020	0.011	mg/Kg	☼	03/27/24 16:30	03/28/24 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/25/24 14:20	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-25(0-5)-031824

Lab Sample ID: 500-247658-6

Date Collected: 03/18/24 10:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 78.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☆	03/18/24 16:20	03/19/24 12:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/18/24 16:20	03/19/24 12:57	1
Dibromofluoromethane (Surr)	103		75 - 126	03/18/24 16:20	03/19/24 12:57	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	03/18/24 16:20	03/19/24 12:57	1
Toluene-d8 (Surr)	113		75 - 124	03/18/24 16:20	03/19/24 12:57	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-25(0-5)-031824

Lab Sample ID: 500-247658-6

Date Collected: 03/18/24 10:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 78.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Methylnaphthalene	<0.081		0.081	0.0080	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Benzo[a]anthracene	0.033	J	0.040	0.0085	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Benzo[a]pyrene	0.057		0.040	0.039	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Benzo[b]fluoranthene	0.059		0.040	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Benzo[g,h,i]perylene	0.054		0.040	0.0087	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Benzo[k]fluoranthene	0.021	J	0.040	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Carbazole	<0.20		0.20	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Chrysene	0.044		0.040	0.011	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Fluoranthene	0.044		0.040	0.0093	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Fluorene	<0.040		0.040	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 17:58	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-25(0-5)-031824

Lab Sample ID: 500-247658-6

Date Collected: 03/18/24 10:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 78.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.067		0.040	0.039	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0079	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Phenanthrene	0.021	J	0.040	0.0087	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Pyrene	0.039	J	0.040	0.011	mg/Kg	☆	03/22/24 07:59	03/25/24 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143				03/22/24 07:59	03/25/24 17:58	1
2-Fluorobiphenyl (Surr)	70		43 - 145				03/22/24 07:59	03/25/24 17:58	1
2-Fluorophenol (Surr)	67		31 - 166				03/22/24 07:59	03/25/24 17:58	1
Nitrobenzene-d5 (Surr)	64		37 - 147				03/22/24 07:59	03/25/24 17:58	1
Phenol-d5 (Surr)	71		30 - 153				03/22/24 07:59	03/25/24 17:58	1
Terphenyl-d14 (Surr)	77		42 - 157				03/22/24 07:59	03/25/24 17:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		12	4.9	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Arsenic	6.0		0.60	0.20	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Barium	100		0.60	0.068	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Beryllium	0.55		0.24	0.056	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Cadmium	0.24	B	0.12	0.022	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Calcium	25000	B	12	2.0	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Chromium	15		0.60	0.30	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Cobalt	8.6		0.30	0.078	mg/Kg	☆	03/20/24 17:52	03/27/24 23:12	1
Copper	19		0.60	0.17	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Iron	14000		12	6.2	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Lead	37		0.30	0.14	mg/Kg	☆	03/20/24 17:52	03/27/24 23:12	1
Magnesium	15000	B	6.0	3.0	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Manganese	460		0.60	0.087	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Nickel	16		0.60	0.17	mg/Kg	☆	03/20/24 17:52	03/27/24 23:12	1
Potassium	1500		30	11	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Selenium	0.59	J	0.60	0.35	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Silver	<0.30		0.30	0.077	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Sodium	67		60	8.8	mg/Kg	☆	03/20/24 17:52	03/27/24 23:12	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Vanadium	24		0.30	0.071	mg/Kg	☆	03/20/24 17:52	03/27/24 03:15	1
Zinc	100		1.2	0.52	mg/Kg	☆	03/20/24 17:52	03/27/24 23:12	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 18:04	1
Barium	0.59		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 17:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 17:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 18:04	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-25(0-5)-031824

Lab Sample ID: 500-247658-6

Date Collected: 03/18/24 10:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 78.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:04	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:04	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:04	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 17:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 17:03	1
Manganese	0.33		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:03	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:03	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 18:04	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:04	1
Zinc	0.023	J	0.50	0.020	mg/L		03/22/24 08:06	03/26/24 18:04	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Barium	0.20	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:35	1
Chromium	0.041		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Copper	0.027		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Iron	38		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:35	1
Lead	0.15	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:35	1
Manganese	0.28		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Nickel	0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:35	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:35	1
Zinc	0.13	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:35	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 08:59	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.020	0.011	mg/Kg	☼	03/27/24 16:30	03/28/24 09:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/25/24 14:22	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-21(0-4)-031824

Lab Sample ID: 500-247658-7

Date Collected: 03/18/24 11:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0061	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Bromoform	<0.0014		0.0014	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Bromomethane	<0.0035		0.0035	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Carbon disulfide	<0.0035		0.0035	0.00073	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Chlorobenzene	<0.0014		0.0014	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Chloroethane	<0.0035		0.0035	0.0010	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Chloroform	<0.0014		0.0014	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Chloromethane	<0.0035		0.0035	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Dibromochloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,1-Dichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,2-Dichloroethane	<0.0035		0.0035	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,1-Dichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Ethylbenzene	<0.0014		0.0014	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
2-Hexanone	<0.0035		0.0035	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Methylene Chloride	<0.0035		0.0035	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Methyl Ethyl Ketone	<0.0035		0.0035	0.0016	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
methyl isobutyl ketone	<0.0035		0.0035	0.0010	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Tetrachloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Toluene	<0.0014		0.0014	0.00035	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00060	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Trichloroethene	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Vinyl chloride	<0.0014		0.0014	0.00062	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1
Xylenes, Total	<0.0028		0.0028	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/18/24 16:20	03/19/24 13:21	1
Dibromofluoromethane (Surr)	107		75 - 126	03/18/24 16:20	03/19/24 13:21	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	03/18/24 16:20	03/19/24 13:21	1
Toluene-d8 (Surr)	115		75 - 124	03/18/24 16:20	03/19/24 13:21	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	03/22/24 07:59	03/25/24 15:30	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 15:30	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/22/24 07:59	03/25/24 15:30	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/22/24 07:59	03/25/24 15:30	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	03/22/24 07:59	03/25/24 15:30	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-21(0-4)-031824

Lab Sample ID: 500-247658-7

Date Collected: 03/18/24 11:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 83.5

Method: SW846 8270E - 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	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0085	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Carbazole	<0.20		0.20	0.015	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	03/22/24 07:59	03/25/24 15:30	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-21(0-4)-031824

Lab Sample ID: 500-247658-7

Date Collected: 03/18/24 11:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 83.5

Method: SW846 8270E - 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	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0077	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✳	03/22/24 07:59	03/25/24 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		31 - 143				03/22/24 07:59	03/25/24 15:30	1
2-Fluorobiphenyl (Surr)	56		43 - 145				03/22/24 07:59	03/25/24 15:30	1
2-Fluorophenol (Surr)	54		31 - 166				03/22/24 07:59	03/25/24 15:30	1
Nitrobenzene-d5 (Surr)	51		37 - 147				03/22/24 07:59	03/25/24 15:30	1
Phenol-d5 (Surr)	56		30 - 153				03/22/24 07:59	03/25/24 15:30	1
Terphenyl-d14 (Surr)	67		42 - 157				03/22/24 07:59	03/25/24 15:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		11	4.7	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Antimony	<1.1		1.1	0.22	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Arsenic	6.9		0.57	0.20	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Barium	64		0.57	0.065	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Beryllium	0.60		0.23	0.053	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Cadmium	0.021	J B	0.11	0.021	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Calcium	61000	B	57	9.7	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Chromium	14		0.57	0.28	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Cobalt	11		1.4	0.37	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Copper	21		2.9	0.80	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Iron	15000		11	5.9	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Lead	20		1.4	0.66	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Magnesium	23000	B	5.7	2.8	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Manganese	300		0.57	0.083	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Nickel	27		2.9	0.83	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Potassium	1700		29	10	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Selenium	0.36	J	0.57	0.34	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Silver	<0.29		0.29	0.074	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Sodium	460		290	42	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5
Thallium	<0.57		0.57	0.28	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Vanadium	23		0.29	0.067	mg/Kg	✳	03/20/24 17:52	03/27/24 03:19	1
Zinc	59		5.7	2.5	mg/Kg	✳	03/20/24 17:52	03/27/24 23:24	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 18:08	1
Barium	0.64		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 17:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 17:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 18:08	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-21(0-4)-031824

Lab Sample ID: 500-247658-7

Date Collected: 03/18/24 11:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 83.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:08	1
Cobalt	0.024	J	0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:08	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:08	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 17:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 17:07	1
Manganese	4.0		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:07	1
Nickel	0.030		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:07	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 18:08	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:08	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 18:08	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Barium	0.097	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:39	1
Chromium	0.032		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Copper	0.023	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Iron	27		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:39	1
Lead	0.011	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:39	1
Manganese	0.19		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Nickel	0.029		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:39	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:39	1
Zinc	0.057	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:39	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 09:01	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0093	mg/Kg	☼	03/27/24 16:30	03/28/24 09:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			03/25/24 14:25	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-28(0-4)-031824

Lab Sample ID: 500-247658-8

Date Collected: 03/18/24 11:15

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Benzene	<0.0014		0.0014	0.00035	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Bromodichloromethane	<0.0014		0.0014	0.00028	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Bromoform	<0.0014		0.0014	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Bromomethane	<0.0034		0.0034	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Carbon disulfide	<0.0034		0.0034	0.00072	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Carbon tetrachloride	<0.0014		0.0014	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Chlorobenzene	<0.0014		0.0014	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Chloroethane	<0.0034		0.0034	0.0010	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Chloroform	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Chloromethane	<0.0034		0.0034	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Dibromochloromethane	<0.0014		0.0014	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,1-Dichloroethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,2-Dichloroethane	<0.0034		0.0034	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,1-Dichloroethene	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Ethylbenzene	<0.0014		0.0014	0.00066	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
2-Hexanone	<0.0034		0.0034	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Methylene Chloride	<0.0034		0.0034	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Methyl Ethyl Ketone	<0.0034		0.0034	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
methyl isobutyl ketone	<0.0034		0.0034	0.0010	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00040	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Tetrachloroethene	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Toluene	<0.0014		0.0014	0.00035	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00061	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00059	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Trichloroethene	<0.0014		0.0014	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Vinyl chloride	<0.0014		0.0014	0.00061	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1
Xylenes, Total	<0.0028		0.0028	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 13:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	03/18/24 16:20	03/19/24 13:45	1
Dibromofluoromethane (Surr)	107		75 - 126	03/18/24 16:20	03/19/24 13:45	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	03/18/24 16:20	03/19/24 13:45	1
Toluene-d8 (Surr)	117		75 - 124	03/18/24 16:20	03/19/24 13:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-28(0-4)-031824

Lab Sample ID: 500-247658-8

Date Collected: 03/18/24 11:15

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.75		0.75	0.028	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,4,6-Trichlorophenol	<0.75		0.75	0.026	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,4-Dichlorophenol	<0.75		0.75	0.026	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,4-Dimethylphenol	<0.75		0.75	0.17	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,4-Dinitrophenol	<1.5		1.5	0.43	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2,6-Dinitrotoluene	<0.38		0.38	0.026	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Nitroaniline	<0.38		0.38	0.040	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
2-Nitrophenol	<0.75		0.75	0.051	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
3 & 4 Methylphenol	<0.38		0.38	0.055	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.061	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
3-Nitroaniline	<0.75		0.75	0.034	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.42	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.051	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Chloro-3-methylphenol	<0.75		0.75	0.029	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Chloroaniline	<1.5		1.5	0.79	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.098	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Nitroaniline	<0.75		0.75	0.055	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
4-Nitrophenol	<1.5		1.5	0.28	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Acenaphthene	<0.075		0.075	0.015	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Acenaphthylene	<0.075		0.075	0.013	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Anthracene	<0.075		0.075	0.015	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Benzo[a]anthracene	0.034	J	0.075	0.016	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Benzo[a]pyrene	0.11		0.075	0.072	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Benzo[b]fluoranthene	<0.075		0.075	0.072	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Benzo[g,h,i]perylene	0.11		0.075	0.016	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Benzo[k]fluoranthene	<0.075		0.075	0.029	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.29	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Butyl benzyl phthalate	<0.38		0.38	0.037	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Carbazole	<0.38		0.38	0.030	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Chrysene	0.026	J	0.075	0.020	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Dibenz(a,h)anthracene	<0.075		0.075	0.075	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Dibenzofuran	<0.38		0.38	0.027	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Diethyl phthalate	<0.38		0.38	0.034	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Dimethyl phthalate	<0.38		0.38	0.016	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Di-n-octyl phthalate	<0.75		0.75	0.53	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Fluoranthene	0.032	J	0.075	0.017	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Fluorene	<0.075		0.075	0.022	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Hexachlorobutadiene	<0.38		0.38	0.042	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Hexachlorocyclopentadiene	<1.5		1.5	0.80	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	☆	03/22/24 07:59	03/26/24 20:28	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-28(0-4)-031824

Lab Sample ID: 500-247658-8

Date Collected: 03/18/24 11:15

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.075		0.075	0.073	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Isophorone	<0.38		0.38	0.039	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Naphthalene	<0.075		0.075	0.014	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Nitrobenzene	<0.075		0.075	0.024	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
N-Nitrosodiphenylamine	<0.38		0.38	0.045	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Phenanthrene	0.017	J	0.075	0.016	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Phenol	<0.38		0.38	0.033	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Pyrene	0.041	J	0.075	0.021	mg/Kg	✳	03/22/24 07:59	03/26/24 20:28	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143				03/22/24 07:59	03/26/24 20:28	2
2-Fluorobiphenyl (Surr)	62		43 - 145				03/22/24 07:59	03/26/24 20:28	2
2-Fluorophenol (Surr)	63		31 - 166				03/22/24 07:59	03/26/24 20:28	2
Nitrobenzene-d5 (Surr)	70		37 - 147				03/22/24 07:59	03/26/24 20:28	2
Phenol-d5 (Surr)	52		30 - 153				03/22/24 07:59	03/26/24 20:28	2
Terphenyl-d14 (Surr)	69		42 - 157				03/22/24 07:59	03/26/24 20:28	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7400		11	4.4	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Antimony	<1.1		1.1	0.21	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Arsenic	6.0		0.54	0.19	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Barium	47		0.54	0.062	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Beryllium	0.48		0.22	0.051	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Cadmium	<0.11		0.11	0.020	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Calcium	70000	B	54	9.2	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Chromium	11		0.54	0.27	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Cobalt	9.6		1.4	0.36	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Copper	15		2.7	0.76	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Iron	12000		11	5.7	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Lead	18		1.4	0.63	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Magnesium	28000	B	5.4	2.7	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Manganese	320		0.54	0.079	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Nickel	21		2.7	0.79	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Potassium	1500		27	9.6	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Selenium	<0.54		0.54	0.32	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Silver	<0.27		0.27	0.070	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Sodium	370		270	40	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5
Thallium	<0.54		0.54	0.27	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Vanadium	17		0.27	0.064	mg/Kg	✳	03/20/24 17:52	03/27/24 03:23	1
Zinc	42		5.4	2.4	mg/Kg	✳	03/20/24 17:52	03/27/24 23:28	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 18:12	1
Barium	0.64		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 17:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 17:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 18:12	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-28(0-4)-031824

Lab Sample ID: 500-247658-8

Date Collected: 03/18/24 11:15

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.1

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:12	1
Cobalt	0.016	J	0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:12	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:12	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 17:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 17:11	1
Manganese	3.6		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:11	1
Nickel	0.023	J	0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:11	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 18:12	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:12	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 18:12	1

Method: SW846 6010D - 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		03/22/24 16:05	03/27/24 02:43	1
Barium	0.25	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:43	1
Chromium	0.062		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Cobalt	0.012	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Copper	0.045		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Iron	60		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:43	1
Lead	0.029	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:43	1
Manganese	0.22		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Nickel	0.046		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:43	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:43	1
Zinc	0.16	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:43	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 09:04	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.018	0.0093	mg/Kg	☼	03/27/24 16:30	03/28/24 09:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/25/24 14:27	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-31(0-4)-031824

Lab Sample ID: 500-247658-9

Date Collected: 03/18/24 11:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 86.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0066	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☆	03/18/24 16:20	03/19/24 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		75 - 131	03/18/24 16:20	03/19/24 14:10	1
Dibromofluoromethane (Surr)	108		75 - 126	03/18/24 16:20	03/19/24 14:10	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/18/24 16:20	03/19/24 14:10	1
Toluene-d8 (Surr)	115		75 - 124	03/18/24 16:20	03/19/24 14:10	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	03/22/24 07:59	03/25/24 15:05	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 15:05	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 15:05	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 15:05	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	03/22/24 07:59	03/25/24 15:05	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-31(0-4)-031824

Lab Sample ID: 500-247658-9

Date Collected: 03/18/24 11:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 86.1

Method: SW846 8270E - 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	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Methylnaphthalene	<0.073		0.073	0.0073	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
4-Nitrophenol	<0.73		0.73	0.13	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Benzo[a]anthracene	<0.036		0.036	0.0077	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0079	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Fluoranthene	<0.036		0.036	0.0084	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Fluorene	<0.036		0.036	0.011	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Hexachlorobenzene	<0.073		0.073	0.0070	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Hexachlorocyclopentadiene	<0.73		0.73	0.39	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	03/22/24 07:59	03/25/24 15:05	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-31(0-4)-031824

Lab Sample ID: 500-247658-9

Date Collected: 03/18/24 11:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 86.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.0072	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Pentachlorophenol	<0.73		0.73	0.091	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Phenanthrene	<0.036		0.036	0.0079	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Phenol	<0.18		0.18	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Pyrene	<0.036		0.036	0.0099	mg/Kg	✳	03/22/24 07:59	03/25/24 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143				03/22/24 07:59	03/25/24 15:05	1
2-Fluorobiphenyl (Surr)	66		43 - 145				03/22/24 07:59	03/25/24 15:05	1
2-Fluorophenol (Surr)	68		31 - 166				03/22/24 07:59	03/25/24 15:05	1
Nitrobenzene-d5 (Surr)	62		37 - 147				03/22/24 07:59	03/25/24 15:05	1
Phenol-d5 (Surr)	67		30 - 153				03/22/24 07:59	03/25/24 15:05	1
Terphenyl-d14 (Surr)	76		42 - 157				03/22/24 07:59	03/25/24 15:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.5	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Antimony	<1.1	F1	1.1	0.21	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Arsenic	7.0		0.55	0.19	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Barium	81	F1	0.55	0.062	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Beryllium	0.70		0.22	0.051	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Cadmium	<0.11	F1	0.11	0.020	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Calcium	58000	B	55	9.2	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5
Chromium	18		0.55	0.27	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Cobalt	12		1.4	0.36	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5
Copper	23		2.7	0.76	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5
Iron	19000		11	5.7	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Lead	14		1.4	0.63	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5
Magnesium	20000		5.5	2.7	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Manganese	350	F2	0.55	0.079	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Nickel	33		0.55	0.16	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Potassium	1700	F1	27	9.7	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Selenium	0.38	J F1	0.55	0.32	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Silver	0.71	J	1.4	0.35	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5
Sodium	530	F1	55	8.1	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Thallium	<0.55	F1	0.55	0.27	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Vanadium	24		0.27	0.064	mg/Kg	✳	03/21/24 09:35	03/26/24 17:01	1
Zinc	62		5.5	2.4	mg/Kg	✳	03/21/24 09:35	03/27/24 15:48	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 18:17	1
Barium	0.43	J	0.50	0.050	mg/L		03/22/24 08:06	03/27/24 17:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 17:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 18:17	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-31(0-4)-031824

Lab Sample ID: 500-247658-9

Date Collected: 03/18/24 11:30

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 86.1

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:17	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:17	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:17	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 17:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 17:16	1
Manganese	2.1		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:16	1
Nickel	0.016	J	0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:16	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 18:17	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:17	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 18:17	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Barium	0.073	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:47	1
Chromium	0.016	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Copper	0.012	J	0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Iron	13		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:47	1
Lead	<0.0075	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:47	1
Manganese	0.052		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:47	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:47	1
Zinc	0.033	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:47	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 09:06	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0091	mg/Kg	☼	03/27/24 16:30	03/28/24 09:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/25/24 14:30	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-34(0-4)-031824

Lab Sample ID: 500-247658-10

Date Collected: 03/18/24 11:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 85.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0017	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	03/18/24 16:20	03/19/24 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/18/24 16:20	03/19/24 14:35	1
Dibromofluoromethane (Surr)	107		75 - 126	03/18/24 16:20	03/19/24 14:35	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	03/18/24 16:20	03/19/24 14:35	1
Toluene-d8 (Surr)	112		75 - 124	03/18/24 16:20	03/19/24 14:35	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 16:44	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	03/22/24 07:59	03/25/24 16:44	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 16:44	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 16:44	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 16:44	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-34(0-4)-031824

Lab Sample ID: 500-247658-10

Date Collected: 03/18/24 11:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 85.7

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Methylnaphthalene	0.018	J	0.076	0.0075	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Chloro-3-methylphenol	<0.37		0.37	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Anthracene	<0.037		0.037	0.0077	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Benzo[a]anthracene	0.021	J	0.037	0.0080	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Benzo[a]pyrene	0.046		0.037	0.036	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Benzo[b]fluoranthene	0.040		0.037	0.036	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Benzo[g,h,i]perylene	0.061		0.037	0.0081	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Chrysene	0.032	J	0.037	0.0099	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Fluoranthene	0.026	J	0.037	0.0087	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 16:44	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-34(0-4)-031824

Lab Sample ID: 500-247658-10

Date Collected: 03/18/24 11:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 85.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.053		0.037	0.037	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0074	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Pentachlorophenol	<0.76		0.76	0.094	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Phenanthrene	<0.037		0.037	0.0082	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Phenol	<0.19		0.19	0.016	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Pyrene	0.028	J	0.037	0.010	mg/Kg	✧	03/22/24 07:59	03/25/24 16:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		31 - 143				03/22/24 07:59	03/25/24 16:44	1
2-Fluorobiphenyl (Surr)	69		43 - 145				03/22/24 07:59	03/25/24 16:44	1
2-Fluorophenol (Surr)	68		31 - 166				03/22/24 07:59	03/25/24 16:44	1
Nitrobenzene-d5 (Surr)	62		37 - 147				03/22/24 07:59	03/25/24 16:44	1
Phenol-d5 (Surr)	70		30 - 153				03/22/24 07:59	03/25/24 16:44	1
Terphenyl-d14 (Surr)	76		42 - 157				03/22/24 07:59	03/25/24 16:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7900		11	4.6	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Antimony	<1.1		1.1	0.22	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Arsenic	8.7		0.56	0.19	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Barium	51		2.8	0.32	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Beryllium	0.50		0.22	0.052	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Cadmium	<0.11		0.11	0.020	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Calcium	97000	B	56	9.5	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Chromium	13		0.56	0.28	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Cobalt	11		1.4	0.37	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Copper	25		2.8	0.78	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Iron	26000		56	29	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Lead	15		1.4	0.65	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Magnesium	54000		28	14	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Manganese	280		0.56	0.081	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Nickel	25		0.56	0.16	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Potassium	1700		28	9.9	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Selenium	<0.56		0.56	0.33	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Silver	1.5		1.4	0.36	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5
Sodium	520		56	8.3	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Thallium	<0.56		0.56	0.28	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Vanadium	19		0.28	0.066	mg/Kg	✧	03/21/24 09:35	03/26/24 17:34	1
Zinc	67		5.6	2.5	mg/Kg	✧	03/21/24 09:35	03/27/24 16:06	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 17:54	1
Barium	0.60		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 17:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 13:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 17:54	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-34(0-4)-031824

Lab Sample ID: 500-247658-10

Date Collected: 03/18/24 11:45

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 85.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 17:54	1
Cobalt	0.062		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 17:54	1
Copper	0.080		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 17:54	1
Iron	1.5	F1	0.40	0.20	mg/L		03/21/24 16:30	03/25/24 13:26	1
Lead	0.031		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 17:54	1
Manganese	6.5		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:26	1
Nickel	0.089		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 17:54	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 17:54	1
Silver	0.015	J	0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:26	1
Zinc	0.060	J	0.50	0.020	mg/L		03/21/24 16:30	03/22/24 17:54	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.022	J	0.050	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Barium	0.34	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 02:59	1
Beryllium	0.0050		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 02:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 02:59	1
Chromium	0.11		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Cobalt	0.044		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Copper	0.079		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Iron	91		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 02:59	1
Lead	0.059	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 02:59	1
Manganese	0.78		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Nickel	0.11		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 02:59	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 02:59	1
Zinc	0.21	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 02:59	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 13:03	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.019	0.010	mg/Kg	☼	03/27/24 16:30	03/28/24 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			03/25/24 14:32	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(0-5)-031824

Lab Sample ID: 500-247658-15

Date Collected: 03/18/24 12:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☆	03/18/24 16:20	03/19/24 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	03/18/24 16:20	03/19/24 16:37	1
Dibromofluoromethane (Surr)	110		75 - 126	03/18/24 16:20	03/19/24 16:37	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	03/18/24 16:20	03/19/24 16:37	1
Toluene-d8 (Surr)	112		75 - 124	03/18/24 16:20	03/19/24 16:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.37		0.37	0.052	mg/Kg	☆	03/22/24 07:59	03/25/24 19:12	2
1,2-Dichlorobenzene	<0.37		0.37	0.030	mg/Kg	☆	03/22/24 07:59	03/25/24 19:12	2
1,3-Dichlorobenzene	<0.37		0.37	0.033	mg/Kg	☆	03/22/24 07:59	03/25/24 19:12	2
1,4-Dichlorobenzene	<0.37		0.37	0.034	mg/Kg	☆	03/22/24 07:59	03/25/24 19:12	2
2,2'-oxybis[1-chloropropane]	<0.37		0.37	0.052	mg/Kg	☆	03/22/24 07:59	03/25/24 19:12	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(0-5)-031824

Lab Sample ID: 500-247658-15

Date Collected: 03/18/24 12:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.72		0.72	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,4,6-Trichlorophenol	<0.72		0.72	0.025	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,4-Dichlorophenol	<0.72		0.72	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,4-Dimethylphenol	<0.72		0.72	0.16	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,4-Dinitrotoluene	<0.37		0.37	0.041	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2,6-Dinitrotoluene	<0.37		0.37	0.025	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Chloronaphthalene	<0.37		0.37	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Chlorophenol	<0.37		0.37	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Methylphenol	<0.37		0.37	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Nitroaniline	<0.37		0.37	0.039	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
2-Nitrophenol	<0.72		0.72	0.049	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
3 & 4 Methylphenol	<0.37		0.37	0.053	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
3,3'-Dichlorobenzidine	<0.37		0.37	0.059	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
3-Nitroaniline	<0.72		0.72	0.033	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Bromophenyl phenyl ether	<0.37		0.37	0.050	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Chloro-3-methylphenol	<0.72		0.72	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Chloroaniline	<1.5		1.5	0.76	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Chlorophenyl phenyl ether	<0.37		0.37	0.095	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Nitroaniline	<0.72		0.72	0.054	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
4-Nitrophenol	<1.5		1.5	0.27	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Acenaphthene	<0.072		0.072	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Acenaphthylene	<0.072		0.072	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Anthracene	<0.072		0.072	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Benzo[a]anthracene	<0.072		0.072	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Benzo[a]pyrene	<0.072		0.072	0.070	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Benzo[b]fluoranthene	<0.072		0.072	0.069	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Benzo[g,h,i]perylene	0.048	J	0.072	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Benzo[k]fluoranthene	<0.072		0.072	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Bis(2-chloroethoxy)methane	<0.37		0.37	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Bis(2-chloroethyl)ether	<0.37		0.37	0.034	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Bis(2-ethylhexyl) phthalate	<0.37		0.37	0.29	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Butyl benzyl phthalate	<0.37		0.37	0.036	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Carbazole	<0.37		0.37	0.029	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Chrysene	<0.072		0.072	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Dibenz(a,h)anthracene	<0.072		0.072	0.072	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Dibenzofuran	<0.37		0.37	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Diethyl phthalate	<0.37		0.37	0.033	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Dimethyl phthalate	<0.37		0.37	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Di-n-butyl phthalate	<0.37		0.37	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Di-n-octyl phthalate	<0.72		0.72	0.51	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Fluoranthene	0.030	J	0.072	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Fluorene	<0.072		0.072	0.022	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Hexachlorobutadiene	<0.37		0.37	0.041	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Hexachlorocyclopentadiene	<1.5		1.5	0.77	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Hexachloroethane	<0.37		0.37	0.036	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(0-5)-031824

Lab Sample ID: 500-247658-15

Date Collected: 03/18/24 12:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.072		0.072	0.071	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Isophorone	<0.37		0.37	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Naphthalene	<0.072		0.072	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Nitrobenzene	<0.072		0.072	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
N-Nitrosodiphenylamine	<0.37		0.37	0.043	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Phenanthrene	0.021	J	0.072	0.016	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Phenol	<0.37		0.37	0.032	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Pyrene	0.030	J	0.072	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 19:12	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143				03/22/24 07:59	03/25/24 19:12	2
2-Fluorobiphenyl (Surr)	54		43 - 145				03/22/24 07:59	03/25/24 19:12	2
2-Fluorophenol (Surr)	53		31 - 166				03/22/24 07:59	03/25/24 19:12	2
Nitrobenzene-d5 (Surr)	48		37 - 147				03/22/24 07:59	03/25/24 19:12	2
Phenol-d5 (Surr)	53		30 - 153				03/22/24 07:59	03/25/24 19:12	2
Terphenyl-d14 (Surr)	56		42 - 157				03/22/24 07:59	03/25/24 19:12	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9600		11	4.4	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Antimony	<1.1		1.1	0.21	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Arsenic	5.6		0.53	0.18	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Barium	59		2.7	0.30	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Beryllium	0.57		0.21	0.050	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Cadmium	<0.11		0.11	0.019	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Calcium	85000	B	53	9.0	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Chromium	17		0.53	0.26	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Cobalt	11		1.3	0.35	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Copper	19		2.7	0.75	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Iron	20000		53	28	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Lead	12		1.3	0.62	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Magnesium	39000		27	13	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Manganese	370		0.53	0.077	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Nickel	27		0.53	0.16	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Potassium	2200		27	9.4	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Selenium	<0.53		0.53	0.31	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Silver	1.2	J	1.3	0.34	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5
Sodium	610		53	7.9	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Thallium	<0.53		0.53	0.27	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Vanadium	20		0.27	0.063	mg/Kg	✳	03/21/24 09:35	03/26/24 17:55	1
Zinc	60		5.3	2.3	mg/Kg	✳	03/21/24 09:35	03/27/24 16:38	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:06	03/26/24 18:39	1
Barium	0.65		0.50	0.050	mg/L		03/22/24 08:06	03/27/24 17:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:06	03/27/24 17:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:06	03/26/24 18:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(0-5)-031824

Lab Sample ID: 500-247658-15

Date Collected: 03/18/24 12:50

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:39	1
Cobalt	0.017	J	0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:39	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:39	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:06	03/27/24 17:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:06	03/27/24 17:38	1
Manganese	4.4		0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:38	1
Nickel	0.016	J	0.025	0.010	mg/L		03/22/24 08:06	03/27/24 17:38	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:06	03/26/24 18:39	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:06	03/26/24 18:39	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:06	03/26/24 18:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.036	J	0.050	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Barium	0.43	J	0.50	0.050	mg/L		03/22/24 16:05	03/27/24 03:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:05	03/27/24 03:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:05	03/27/24 03:20	1
Chromium	0.11		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Cobalt	0.049		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Copper	0.10		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Iron	110		0.40	0.20	mg/L		03/22/24 16:05	03/27/24 03:20	1
Lead	0.057	^5+	0.0075	0.0075	mg/L		03/22/24 16:05	03/27/24 03:20	1
Manganese	1.0		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Nickel	0.13		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:05	03/27/24 03:20	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:05	03/27/24 03:20	1
Zinc	0.27	J ^1+	0.50	0.020	mg/L		03/22/24 16:05	03/27/24 03:20	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 09:21	1

Method: SW846 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		03/28/24 11:25	03/29/24 12:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.017	0.0090	mg/Kg	☼	03/27/24 16:30	03/28/24 10:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			03/25/24 14:49	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(5-10)-031824

Lab Sample ID: 500-247658-16

Date Collected: 03/18/24 12:55

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 80.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0072	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Benzene	<0.0016		0.0016	0.00042	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Bromodichloromethane	<0.0016		0.0016	0.00034	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Bromoform	<0.0016		0.0016	0.00048	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00048	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Chlorobenzene	<0.0016		0.0016	0.00061	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Chloroform	<0.0016		0.0016	0.00057	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00046	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Dibromochloromethane	<0.0016		0.0016	0.00054	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00057	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00058	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Ethylbenzene	<0.0016		0.0016	0.00079	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Styrene	<0.0016		0.0016	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00053	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Tetrachloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Toluene	<0.0016		0.0016	0.00042	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00073	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00058	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00071	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Trichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Vinyl chloride	<0.0016		0.0016	0.00073	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☼	03/18/24 16:20	03/19/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	03/18/24 16:20	03/19/24 17:02	1
Dibromofluoromethane (Surr)	108		75 - 126	03/18/24 16:20	03/19/24 17:02	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	03/18/24 16:20	03/19/24 17:02	1
Toluene-d8 (Surr)	114		75 - 124	03/18/24 16:20	03/19/24 17:02	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	03/22/24 07:59	03/25/24 13:51	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	03/22/24 07:59	03/25/24 13:51	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 13:51	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 13:51	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	03/22/24 07:59	03/25/24 13:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(5-10)-031824

Lab Sample ID: 500-247658-16

Date Collected: 03/18/24 12:55

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 80.9

Method: SW846 8270E - 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	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Methylnaphthalene	<0.079		0.079	0.0078	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
3 & 4 Methylphenol	<0.20		0.20	0.028	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
4-Nitrophenol	<0.79		0.79	0.14	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0084	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Carbazole	<0.20		0.20	0.015	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Fluoranthene	<0.039		0.039	0.0090	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Hexachlorocyclopentadiene	<0.79		0.79	0.41	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Hexachloroethane	<0.20		0.20	0.019	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(5-10)-031824

Lab Sample ID: 500-247658-16

Date Collected: 03/18/24 12:55

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 80.9

Method: SW846 8270E - 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	0.038	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Naphthalene	<0.039		0.039	0.0070	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0077	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Pentachlorophenol	<0.79		0.79	0.097	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Phenanthrene	0.013	J	0.039	0.0085	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Pyrene	0.012	J	0.039	0.011	mg/Kg	✳	03/22/24 07:59	03/25/24 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	83		31 - 143				03/22/24 07:59	03/25/24 13:51	1
2-Fluorobiphenyl (Surr)	68		43 - 145				03/22/24 07:59	03/25/24 13:51	1
2-Fluorophenol (Surr)	66		31 - 166				03/22/24 07:59	03/25/24 13:51	1
Nitrobenzene-d5 (Surr)	60		37 - 147				03/22/24 07:59	03/25/24 13:51	1
Phenol-d5 (Surr)	67		30 - 153				03/22/24 07:59	03/25/24 13:51	1
Terphenyl-d14 (Surr)	75		42 - 157				03/22/24 07:59	03/25/24 13:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	4.8	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Antimony	<1.2		1.2	0.23	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Arsenic	6.2		0.59	0.20	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Barium	52		0.59	0.067	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Beryllium	0.63		0.24	0.055	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Cadmium	<0.12		0.12	0.021	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Calcium	77000	B	59	10	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5
Chromium	18		0.59	0.29	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Cobalt	13		1.5	0.38	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5
Copper	24		2.9	0.82	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5
Iron	18000		12	6.1	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Lead	13		1.5	0.68	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5
Magnesium	28000		5.9	2.9	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Manganese	360		0.59	0.085	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Nickel	32		0.59	0.17	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Potassium	2700		29	10	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Selenium	<0.59		0.59	0.35	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Silver	1.1	J	1.5	0.38	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5
Sodium	360		59	8.7	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Thallium	<0.59		0.59	0.29	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Vanadium	22		0.29	0.069	mg/Kg	✳	03/21/24 09:35	03/26/24 17:59	1
Zinc	65		5.9	2.6	mg/Kg	✳	03/21/24 09:35	03/27/24 16:41	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Barium	0.56		0.50	0.050	mg/L		03/22/24 08:07	03/25/24 22:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:07	03/25/24 22:25	1
Cadmium	0.0029	J	0.0050	0.0020	mg/L		03/22/24 08:07	03/25/24 22:25	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(5-10)-031824

Lab Sample ID: 500-247658-16

Date Collected: 03/18/24 12:55

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 80.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:07	03/25/24 22:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:07	03/25/24 22:25	1
Manganese	2.8		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Selenium	<0.050	*+ F1	0.050	0.020	mg/L		03/22/24 08:07	03/25/24 22:25	1
Silver	0.010	J	0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:25	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:07	03/25/24 22:25	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Barium	<0.50		0.50	0.050	mg/L		03/22/24 16:07	03/26/24 22:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:07	03/26/24 22:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:07	03/26/24 22:03	1
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Iron	1.3		0.40	0.20	mg/L		03/22/24 16:07	03/26/24 22:03	1
Lead	<0.0075	^5+	0.0075	0.0075	mg/L		03/22/24 16:07	03/26/24 22:03	1
Manganese	0.012	J	0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:07	03/26/24 22:03	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:03	1
Zinc	<0.50	^1+	0.50	0.020	mg/L		03/22/24 16:07	03/26/24 22:03	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 10:51	1

Method: SW846 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		03/29/24 11:50	04/01/24 10:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.019	0.010	mg/Kg	☼	03/27/24 16:30	03/28/24 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			03/25/24 14:51	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(10-15)-031824

Lab Sample ID: 500-247658-17

Date Collected: 03/18/24 13:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0068	J	0.015	0.0064	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Vinyl chloride	<0.0015		0.0015	0.00065	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	☼	03/18/24 16:20	03/19/24 17:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/18/24 16:20	03/19/24 17:26	1
Dibromofluoromethane (Surr)	105		75 - 126	03/18/24 16:20	03/19/24 17:26	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/18/24 16:20	03/19/24 17:26	1
Toluene-d8 (Surr)	115		75 - 124	03/18/24 16:20	03/19/24 17:26	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 13:26	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	03/22/24 07:59	03/25/24 13:26	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/22/24 07:59	03/25/24 13:26	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/22/24 07:59	03/25/24 13:26	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	03/22/24 07:59	03/25/24 13:26	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(10-15)-031824

Lab Sample ID: 500-247658-17

Date Collected: 03/18/24 13:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0082	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(10-15)-031824

Lab Sample ID: 500-247658-17

Date Collected: 03/18/24 13:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1
Pyrene	<0.038		0.038	0.010	mg/Kg	☆	03/22/24 07:59	03/25/24 13:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		31 - 143	03/22/24 07:59	03/25/24 13:26	1
2-Fluorobiphenyl (Surr)	65		43 - 145	03/22/24 07:59	03/25/24 13:26	1
2-Fluorophenol (Surr)	66		31 - 166	03/22/24 07:59	03/25/24 13:26	1
Nitrobenzene-d5 (Surr)	58		37 - 147	03/22/24 07:59	03/25/24 13:26	1
Phenol-d5 (Surr)	66		30 - 153	03/22/24 07:59	03/25/24 13:26	1
Terphenyl-d14 (Surr)	83		42 - 157	03/22/24 07:59	03/25/24 13:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.6	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Arsenic	9.1		0.56	0.19	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Barium	58		0.56	0.064	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Beryllium	0.69		0.22	0.052	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Cadmium	<0.11		0.11	0.020	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Calcium	30000	B	11	1.9	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Chromium	19		0.56	0.28	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Cobalt	11		1.4	0.37	mg/Kg	☆	03/21/24 09:35	03/27/24 16:45	5
Copper	20		0.56	0.16	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Iron	20000		11	5.8	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Lead	15		0.28	0.13	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Magnesium	18000		5.6	2.8	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Manganese	360		0.56	0.081	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Nickel	30		0.56	0.16	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Potassium	2400		140	50	mg/Kg	☆	03/21/24 09:35	03/27/24 16:45	5
Selenium	<0.56		0.56	0.33	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Silver	0.52	J	1.4	0.36	mg/Kg	☆	03/21/24 09:35	03/27/24 16:45	5
Sodium	98		56	8.3	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Vanadium	27		0.28	0.066	mg/Kg	☆	03/21/24 09:35	03/26/24 18:13	1
Zinc	69		5.6	2.5	mg/Kg	☆	03/21/24 09:35	03/27/24 16:45	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Barium	0.78		0.50	0.050	mg/L		03/22/24 08:07	03/25/24 22:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:07	03/25/24 22:48	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		03/22/24 08:07	03/25/24 22:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Client Sample ID: ROW-12(10-15)-031824

Lab Sample ID: 500-247658-17

Date Collected: 03/18/24 13:00

Matrix: Solid

Date Received: 03/18/24 13:55

Percent Solids: 87.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Cobalt	0.019	J	0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:07	03/25/24 22:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:07	03/25/24 22:48	1
Manganese	6.4		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Selenium	0.023	J B **	0.050	0.020	mg/L		03/22/24 08:07	03/25/24 22:48	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:07	03/25/24 22:48	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:07	03/25/24 22:48	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Barium	0.14	J	0.50	0.050	mg/L		03/22/24 16:07	03/26/24 22:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 16:07	03/26/24 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 16:07	03/26/24 22:19	1
Chromium	0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Copper	0.018	J	0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Iron	21		0.40	0.20	mg/L		03/22/24 16:07	03/26/24 22:19	1
Lead	<0.0075	^5+	0.0075	0.0075	mg/L		03/22/24 16:07	03/26/24 22:19	1
Manganese	0.30		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Nickel	0.022	J	0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 16:07	03/26/24 22:19	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 16:07	03/26/24 22:19	1
Zinc	0.047	J ^1+	0.50	0.020	mg/L		03/22/24 16:07	03/26/24 22:19	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 10:58	1

Method: SW846 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		03/29/24 11:50	04/01/24 10:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.018	0.0093	mg/Kg	☼	03/27/24 16:30	03/28/24 10:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/25/24 14:53	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^1+	Initial Calibration Verification (ICV) is outside acceptance limits, high biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

1

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247658-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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

Chain of Custody Record 720458



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>A. Slesare</u>		Site Contact <u>C. Pauer</u>		Date <u>3-18-24</u>		COC No											
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		2 of 2 COCs											
Address <u>300 Knightsbridge Place</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day																	
City/State/Zip <u>Lincolnshire, IL 60060</u>																			
Phone																			
Fax																			
Project Name <u>DOT 085</u>																			
Site <u>I-80/255</u>		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Vocs SVOCs Total Metals TCIP/SPEC Metals pH		For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No <u>500-247658</u>	
P O #		Sample Identification		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix		# of Cont		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Sample Specific Notes	
11		ROW-11(0-5)-031824		3-18-24		1215		G		S		6							
12		ROW-11(0-5)-031824 D				1215													
13		ROW-11(5-10)-031824				1220													
14		ROW-11(10-15)-031824				1225													
15		ROW-12(0-5)-031824				1250													
16		ROW-12(5-10)-031824				1255													
17		ROW-12(10-15)-031824				1300													
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:																			
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 <u>WS</u>					Date/Time <u>3/18/24/1355</u>					Received by _____				
Relinquished by _____					Company _____					Date/Time _____					Received by _____				
Relinquished by _____					Company _____					Date/Time _____					Received in Laboratory by				
															Company <u>EETA</u> Date/Time <u>03/18/24 1355</u>				

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 3/28/2024 10:49:24 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247356-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(0-5)-031224

Lab Sample ID: 500-247356-1

Date Collected: 03/12/24 08:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Bromoform	<0.0016		0.0016	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Carbon tetrachloride	<0.0016		0.0016	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Chlorobenzene	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Chloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Chloroform	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Dibromochloromethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,1-Dichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,1-Dichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Ethylbenzene	<0.0016		0.0016	0.00074	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
methyl isobutyl ketone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Styrene	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Tetrachloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Toluene	<0.0016		0.0016	0.00039	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00069	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00067	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Vinyl chloride	<0.0016	+	0.0016	0.00069	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	03/12/24 18:23	03/15/24 13:36	1
Dibromofluoromethane (Surr)	111		75 - 126	03/12/24 18:23	03/15/24 13:36	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	03/12/24 18:23	03/15/24 13:36	1
Toluene-d8 (Surr)	105		75 - 124	03/12/24 18:23	03/15/24 13:36	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(0-5)-031224

Lab Sample ID: 500-247356-1

Date Collected: 03/12/24 08:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.6

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Methylnaphthalene	<0.075		0.075	0.0075	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Chloro-3-methylphenol	<0.37		0.37	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
4-Nitrophenol	<0.75		0.75	0.14	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0081	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Chrysene	<0.037		0.037	0.0099	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Hexachlorobenzene	<0.075		0.075	0.0072	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Hexachlorocyclopentadiene	<0.75		0.75	0.40	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:30	03/21/24 11:57	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(0-5)-031224

Lab Sample ID: 500-247356-1

Date Collected: 03/12/24 08:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.6

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.0074	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Pentachlorophenol	<0.75		0.75	0.093	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☆	03/20/24 13:30	03/21/24 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	61		31 - 143	03/20/24 13:30	03/21/24 11:57	1
2-Fluorobiphenyl (Surr)	68		43 - 145	03/20/24 13:30	03/21/24 11:57	1
2-Fluorophenol (Surr)	70		31 - 166	03/20/24 13:30	03/21/24 11:57	1
Nitrobenzene-d5 (Surr)	75		37 - 147	03/20/24 13:30	03/21/24 11:57	1
Phenol-d5 (Surr)	61		30 - 153	03/20/24 13:30	03/21/24 11:57	1
Terphenyl-d14 (Surr)	85		42 - 157	03/20/24 13:30	03/21/24 11:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6800		11	4.7	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Antimony	0.30	J F1	1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Arsenic	6.1		0.57	0.20	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Barium	27		2.9	0.33	mg/Kg	☆	03/18/24 09:33	03/25/24 19:53	5
Beryllium	2.3	B F1	1.1	0.27	mg/Kg	☆	03/18/24 09:33	03/25/24 19:53	5
Cadmium	0.26	B	0.11	0.021	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Calcium	120000		57	9.7	mg/Kg	☆	03/18/24 09:33	03/25/24 19:53	5
Chromium	9.6		0.57	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Cobalt	8.4		0.29	0.075	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Copper	16	F1	2.9	0.80	mg/Kg	☆	03/18/24 09:33	03/25/24 19:53	5
Iron	13000		11	5.9	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Lead	9.5	F1	0.29	0.13	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Magnesium	46000		5.7	2.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Manganese	340		0.57	0.083	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Nickel	19		0.57	0.17	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Potassium	1800	F1	29	10	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Silver	1.2		0.29	0.074	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Sodium	400		57	8.5	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Thallium	<0.57	F1	0.57	0.29	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Vanadium	13		0.29	0.067	mg/Kg	☆	03/18/24 09:33	03/22/24 23:29	1
Zinc	44	F1 F2	5.7	2.5	mg/Kg	☆	03/18/24 09:33	03/25/24 19:53	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Barium	0.12	J	0.50	0.050	mg/L		03/21/24 16:31	03/25/24 15:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/25/24 15:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 22:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(0-5)-031224

Lab Sample ID: 500-247356-1

Date Collected: 03/12/24 08:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Cobalt	0.055		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 15:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 15:36	1
Manganese	2.7		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Nickel	0.055		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:21	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 22:21	1
Silver	<0.025	*+ F1	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 15:36	1
Zinc	0.029	J	0.50	0.020	mg/L		03/21/24 16:31	03/22/24 22:21	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 16:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/22/24 23:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/22/24 23:53	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 16:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 16:55	1
Manganese	0.011	J	0.025	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/22/24 23:53	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/22/24 23:53	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 16:55	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:20	03/22/24 23:53	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:12	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0095	mg/Kg	☼	03/25/24 17:05	03/26/24 08:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			03/19/24 17:15	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(5-10)-031224

Lab Sample ID: 500-247356-2

Date Collected: 03/12/24 08:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.014		0.014	0.0063	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Benzene	<0.0014		0.0014	0.00037	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Carbon disulfide	<0.0036		0.0036	0.00075	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Carbon tetrachloride	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,1-Dichloroethene	<0.0014		0.0014	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00051	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Ethylbenzene	<0.0014		0.0014	0.00069	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Methyl Ethyl Ketone	0.0032 J		0.0036	0.0016	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Styrene	<0.0014		0.0014	0.00044	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00064	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00051	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Trichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Vinyl chloride	<0.0014	+	0.0014	0.00064	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	03/12/24 18:23	03/15/24 14:01	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/15/24 14:01	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/12/24 18:23	03/15/24 14:01	1
Toluene-d8 (Surr)	103		75 - 124	03/12/24 18:23	03/15/24 14:01	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☼	03/20/24 13:30	03/21/24 11:32	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☼	03/20/24 13:30	03/21/24 11:32	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	03/20/24 13:30	03/21/24 11:32	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	03/20/24 13:30	03/21/24 11:32	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☼	03/20/24 13:30	03/21/24 11:32	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(5-10)-031224

Lab Sample ID: 500-247356-2

Date Collected: 03/12/24 08:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Methylnaphthalene	<0.071		0.071	0.0071	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
4-Nitrophenol	<0.71		0.71	0.13	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Anthracene	<0.035		0.035	0.0072	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Benzo[a]anthracene	<0.035		0.035	0.0075	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Benzo[g,h,i]perylene	<0.035		0.035	0.0076	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Chrysene	<0.035		0.035	0.0093	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Fluoranthene	<0.035		0.035	0.0082	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Hexachlorobenzene	<0.071		0.071	0.0068	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(5-10)-031224

Lab Sample ID: 500-247356-2

Date Collected: 03/12/24 08:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.034	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.0070	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Pentachlorophenol	<0.71		0.71	0.088	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Phenanthrene	<0.035		0.035	0.0077	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1
Pyrene	<0.035		0.035	0.0096	mg/Kg	☆	03/20/24 13:30	03/21/24 11:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	03/20/24 13:30	03/21/24 11:32	1
2-Fluorobiphenyl (Surr)	64		43 - 145	03/20/24 13:30	03/21/24 11:32	1
2-Fluorophenol (Surr)	64		31 - 166	03/20/24 13:30	03/21/24 11:32	1
Nitrobenzene-d5 (Surr)	68		37 - 147	03/20/24 13:30	03/21/24 11:32	1
Phenol-d5 (Surr)	60		30 - 153	03/20/24 13:30	03/21/24 11:32	1
Terphenyl-d14 (Surr)	89		42 - 157	03/20/24 13:30	03/21/24 11:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.6	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Arsenic	10		0.56	0.19	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Barium	71		0.56	0.064	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Beryllium	0.94	J B	1.1	0.26	mg/Kg	☆	03/18/24 09:33	03/25/24 20:13	5
Cadmium	0.28	B	0.11	0.020	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Calcium	52000		56	9.5	mg/Kg	☆	03/18/24 09:33	03/25/24 20:13	5
Chromium	16		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Cobalt	14		0.28	0.073	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Copper	22		2.8	0.78	mg/Kg	☆	03/18/24 09:33	03/25/24 20:13	5
Iron	22000		11	5.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Lead	15		0.28	0.13	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Magnesium	17000		5.6	2.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Manganese	510		0.56	0.081	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Nickel	32		0.56	0.16	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Potassium	1800		28	9.9	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Silver	0.57		0.28	0.072	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Sodium	120		56	8.3	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Vanadium	22		0.28	0.066	mg/Kg	☆	03/18/24 09:33	03/22/24 23:47	1
Zinc	56		5.6	2.5	mg/Kg	☆	03/18/24 09:33	03/25/24 20:13	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Barium	0.73		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 15:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 22:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 22:47	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-6(5-10)-031224

Lab Sample ID: 500-247356-2

Date Collected: 03/12/24 08:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Cobalt	0.012	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 15:51	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 15:51	1
Manganese	4.9		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Nickel	0.017	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:47	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 22:47	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 15:51	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 22:47	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Barium	0.16	J	0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:09	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:09	1
Chromium	0.031		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Copper	0.023	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Iron	25		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:09	1
Lead	0.011		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:09	1
Manganese	0.30		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Nickel	0.028		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:09	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:09	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:09	1
Zinc	0.060	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:09	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:19	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0092	mg/Kg	☼	03/25/24 17:05	03/26/24 08:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			03/19/24 17:17	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224

Lab Sample ID: 500-247356-3

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,3-Dichloropropane, Total	<0.0018		0.0018	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Vinyl chloride	<0.0018	+	0.0018	0.00079	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☼	03/12/24 18:23	03/15/24 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/12/24 18:23	03/15/24 14:26	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/15/24 14:26	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/12/24 18:23	03/15/24 14:26	1
Toluene-d8 (Surr)	103		75 - 124	03/12/24 18:23	03/15/24 14:26	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	03/20/24 13:30	03/21/24 12:22	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	03/20/24 13:30	03/21/24 12:22	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/20/24 13:30	03/21/24 12:22	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 13:30	03/21/24 12:22	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	03/20/24 13:30	03/21/24 12:22	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224

Lab Sample ID: 500-247356-3

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.7

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Methylnaphthalene	<0.076		0.076	0.0075	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Chloro-3-methylphenol	<0.37		0.37	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0081	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Chrysene	<0.037		0.037	0.0099	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:30	03/21/24 12:22	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224

Lab Sample ID: 500-247356-3

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.7

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0074	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Pentachlorophenol	<0.76		0.76	0.094	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☆	03/20/24 13:30	03/21/24 12:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	03/20/24 13:30	03/21/24 12:22	1
2-Fluorobiphenyl (Surr)	61		43 - 145	03/20/24 13:30	03/21/24 12:22	1
2-Fluorophenol (Surr)	61		31 - 166	03/20/24 13:30	03/21/24 12:22	1
Nitrobenzene-d5 (Surr)	65		37 - 147	03/20/24 13:30	03/21/24 12:22	1
Phenol-d5 (Surr)	56		30 - 153	03/20/24 13:30	03/21/24 12:22	1
Terphenyl-d14 (Surr)	82		42 - 157	03/20/24 13:30	03/21/24 12:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.7	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Arsenic	6.2		0.57	0.20	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Barium	70		0.57	0.065	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Beryllium	0.79	B	0.23	0.054	mg/Kg	☆	03/18/24 09:33	03/25/24 20:17	1
Cadmium	0.31	B	0.11	0.021	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Calcium	19000		11	1.9	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Chromium	17		0.57	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Cobalt	9.8		0.29	0.075	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Copper	17		0.57	0.16	mg/Kg	☆	03/18/24 09:33	03/25/24 20:17	1
Iron	18000		11	6.0	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Lead	13		0.29	0.13	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Magnesium	11000		5.7	2.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Manganese	340		0.57	0.083	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Nickel	25		0.57	0.17	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Potassium	1500		29	10	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Silver	0.28	J	0.29	0.074	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Sodium	980		57	8.5	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Thallium	<0.57		0.57	0.29	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Vanadium	25		0.29	0.068	mg/Kg	☆	03/18/24 09:33	03/22/24 23:51	1
Zinc	68		1.1	0.50	mg/Kg	☆	03/18/24 09:33	03/25/24 20:17	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Barium	0.72		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 15:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 22:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 22:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224

Lab Sample ID: 500-247356-3

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 15:55	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 15:55	1
Manganese	2.5		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Nickel	0.011	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:51	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 22:51	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 15:55	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 22:51	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.053		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Barium	0.72		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:13	1
Chromium	0.15		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Cobalt	0.047		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Copper	0.14		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Iron	160		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:13	1
Lead	0.082		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:13	1
Manganese	1.0		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Nickel	0.17		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:13	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:13	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:13	1
Zinc	0.41	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:13	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:21	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0098	mg/Kg	☼	03/25/24 17:05	03/26/24 08:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			03/19/24 17:20	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224D

Lab Sample ID: 500-247356-4

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Vinyl chloride	<0.0016	+	0.0016	0.00071	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 14:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/12/24 18:23	03/15/24 14:50	1
Dibromofluoromethane (Surr)	110		75 - 126	03/12/24 18:23	03/15/24 14:50	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	03/12/24 18:23	03/15/24 14:50	1
Toluene-d8 (Surr)	104		75 - 124	03/12/24 18:23	03/15/24 14:50	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224D

Lab Sample ID: 500-247356-4

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8270E - 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	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0085	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Carbazole	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 13:30	03/21/24 12:47	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224D

Lab Sample ID: 500-247356-4

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0077	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☆	03/20/24 13:30	03/21/24 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		31 - 143				03/20/24 13:30	03/21/24 12:47	1
2-Fluorobiphenyl (Surr)	53		43 - 145				03/20/24 13:30	03/21/24 12:47	1
2-Fluorophenol (Surr)	49		31 - 166				03/20/24 13:30	03/21/24 12:47	1
Nitrobenzene-d5 (Surr)	55		37 - 147				03/20/24 13:30	03/21/24 12:47	1
Phenol-d5 (Surr)	46		30 - 153				03/20/24 13:30	03/21/24 12:47	1
Terphenyl-d14 (Surr)	70		42 - 157				03/20/24 13:30	03/21/24 12:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		11	4.6	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Arsenic	7.1		0.56	0.19	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Barium	100		0.56	0.064	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Beryllium	0.86	B	0.22	0.052	mg/Kg	☆	03/18/24 09:33	03/25/24 20:21	1
Cadmium	0.23	B	0.11	0.020	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Calcium	31000		11	1.9	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Chromium	20		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Cobalt	11		0.28	0.073	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Copper	18		0.56	0.16	mg/Kg	☆	03/18/24 09:33	03/25/24 20:21	1
Iron	20000		11	5.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Lead	13		0.28	0.13	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Magnesium	14000		5.6	2.8	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Manganese	350		0.56	0.081	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Nickel	30		0.56	0.16	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Potassium	2100		28	9.9	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Silver	0.37		0.28	0.072	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Sodium	1000		56	8.2	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Vanadium	27		0.28	0.066	mg/Kg	☆	03/18/24 09:33	03/22/24 23:54	1
Zinc	62		1.1	0.49	mg/Kg	☆	03/18/24 09:33	03/25/24 20:21	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Barium	0.79		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 22:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 22:56	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(0-5)-031224D

Lab Sample ID: 500-247356-4

Date Collected: 03/12/24 08:50

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Copper	0.042		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:06	1
Manganese	3.3		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Nickel	0.018	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 22:56	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 22:56	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:06	1
Zinc	0.026	J	0.50	0.020	mg/L		03/21/24 16:31	03/22/24 22:56	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.062		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Barium	1.1		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:16	1
Beryllium	0.0083		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:26	1
Chromium	0.18		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Cobalt	0.048		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Copper	0.16		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Iron	180		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:16	1
Lead	0.077		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:16	1
Manganese	0.93		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Nickel	0.22		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:26	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:26	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:16	1
Zinc	0.45	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:26	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:23	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.019	0.0098	mg/Kg	☼	03/25/24 17:05	03/26/24 08:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/19/24 17:22	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(5-10)-031224

Lab Sample ID: 500-247356-5

Date Collected: 03/12/24 08:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Vinyl chloride	<0.0016	+	0.0016	0.00072	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 15:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		75 - 131	03/12/24 18:23	03/15/24 15:15	1
Dibromofluoromethane (Surr)	111		75 - 126	03/12/24 18:23	03/15/24 15:15	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	03/12/24 18:23	03/15/24 15:15	1
Toluene-d8 (Surr)	104		75 - 124	03/12/24 18:23	03/15/24 15:15	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.39		0.39	0.055	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
1,2-Dichlorobenzene	<0.39		0.39	0.031	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
1,3-Dichlorobenzene	<0.39		0.39	0.035	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
1,4-Dichlorobenzene	<0.39		0.39	0.036	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,2'-oxybis[1-chloropropane]	<0.39		0.39	0.055	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(5-10)-031224

Lab Sample ID: 500-247356-5

Date Collected: 03/12/24 08:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.76		0.76	0.029	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,4,6-Trichlorophenol	<0.76		0.76	0.026	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,4-Dichlorophenol	<0.76		0.76	0.027	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,4-Dimethylphenol	<0.76		0.76	0.17	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,4-Dinitrophenol	<1.5		1.5	0.44	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,4-Dinitrotoluene	<0.39		0.39	0.044	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2,6-Dinitrotoluene	<0.39		0.39	0.026	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Chloronaphthalene	<0.39		0.39	0.029	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Chlorophenol	<0.39		0.39	0.025	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Methylphenol	<0.39		0.39	0.040	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Nitroaniline	<0.39		0.39	0.041	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
2-Nitrophenol	<0.76		0.76	0.052	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
3 & 4 Methylphenol	<0.39		0.39	0.056	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
3,3'-Dichlorobenzidine	<0.39		0.39	0.063	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
3-Nitroaniline	<0.76		0.76	0.035	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.43	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Bromophenyl phenyl ether	<0.39		0.39	0.052	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Chloro-3-methylphenol	<0.76		0.76	0.030	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Chloroaniline	<1.5		1.5	0.80	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Chlorophenyl phenyl ether	<0.39		0.39	0.10	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Nitroaniline	<0.76		0.76	0.057	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
4-Nitrophenol	<1.5		1.5	0.28	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Acenaphthene	<0.076		0.076	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Acenaphthylene	<0.076		0.076	0.013	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Anthracene	<0.076		0.076	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Benzo[a]anthracene	<0.076		0.076	0.016	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Benzo[a]pyrene	<0.076		0.076	0.074	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Benzo[b]fluoranthene	<0.076		0.076	0.073	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Benzo[g,h,i]perylene	<0.076		0.076	0.017	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Benzo[k]fluoranthene	<0.076		0.076	0.029	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Bis(2-chloroethoxy)methane	<0.39		0.39	0.029	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Bis(2-chloroethyl)ether	<0.39		0.39	0.035	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Bis(2-ethylhexyl) phthalate	<0.39		0.39	0.30	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Butyl benzyl phthalate	<0.39		0.39	0.038	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Carbazole	<0.39		0.39	0.030	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Chrysene	<0.076		0.076	0.020	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Dibenz(a,h)anthracene	<0.076		0.076	0.076	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Dibenzofuran	<0.39		0.39	0.027	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Diethyl phthalate	<0.39		0.39	0.035	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Dimethyl phthalate	<0.39		0.39	0.017	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Di-n-butyl phthalate	<0.39		0.39	0.024	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Di-n-octyl phthalate	<0.76		0.76	0.54	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Fluoranthene	<0.076		0.076	0.018	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Fluorene	<0.076		0.076	0.023	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Hexachlorobenzene	<0.15		0.15	0.015	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Hexachlorobutadiene	<0.39		0.39	0.043	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Hexachlorocyclopentadiene	<1.5		1.5	0.81	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2
Hexachloroethane	<0.39		0.39	0.038	mg/Kg	☆	03/20/24 13:30	03/21/24 13:12	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(5-10)-031224

Lab Sample ID: 500-247356-5

Date Collected: 03/12/24 08:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.076		0.076	0.075	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Isophorone	<0.39		0.39	0.039	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Naphthalene	<0.076		0.076	0.014	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Nitrobenzene	<0.076		0.076	0.024	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
N-Nitrosodiphenylamine	<0.39		0.39	0.045	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Phenanthrene	<0.076		0.076	0.017	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Phenol	<0.39		0.39	0.033	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Pyrene	<0.076		0.076	0.021	mg/Kg	✳	03/20/24 13:30	03/21/24 13:12	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	55		31 - 143				03/20/24 13:30	03/21/24 13:12	2
2-Fluorobiphenyl (Surr)	55		43 - 145				03/20/24 13:30	03/21/24 13:12	2
2-Fluorophenol (Surr)	53		31 - 166				03/20/24 13:30	03/21/24 13:12	2
Nitrobenzene-d5 (Surr)	59		37 - 147				03/20/24 13:30	03/21/24 13:12	2
Phenol-d5 (Surr)	47		30 - 153				03/20/24 13:30	03/21/24 13:12	2
Terphenyl-d14 (Surr)	64		42 - 157				03/20/24 13:30	03/21/24 13:12	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.6	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Antimony	0.26	J	1.1	0.22	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Arsenic	6.9		0.56	0.19	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Barium	120		0.56	0.064	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Beryllium	0.73	B	0.23	0.053	mg/Kg	✳	03/18/24 09:33	03/25/24 20:33	1
Cadmium	0.26	B	0.11	0.020	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Calcium	26000		11	1.9	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Chromium	17		0.56	0.28	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Cobalt	10		0.28	0.074	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Copper	17		0.56	0.16	mg/Kg	✳	03/18/24 09:33	03/25/24 20:33	1
Iron	19000		11	5.9	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Lead	14		0.28	0.13	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Magnesium	13000		5.6	2.8	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Manganese	450		0.56	0.082	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Nickel	29		0.56	0.16	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Potassium	1600		28	10	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Silver	0.37		0.28	0.073	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Sodium	940		56	8.4	mg/Kg	✳	03/18/24 09:33	03/25/24 20:33	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Vanadium	24		0.28	0.067	mg/Kg	✳	03/18/24 09:33	03/23/24 00:06	1
Zinc	65		1.1	0.50	mg/Kg	✳	03/18/24 09:33	03/25/24 20:33	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Barium	0.61		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:00	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-8(5-10)-031224

Lab Sample ID: 500-247356-5

Date Collected: 03/12/24 08:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:10	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:10	1
Manganese	3.1		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Nickel	0.016	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:00	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:00	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:10	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:00	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.054		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Barium	0.84		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:19	1
Beryllium	0.0070		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:30	1
Chromium	0.16		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Cobalt	0.051		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Copper	0.15		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Iron	170		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:19	1
Lead	0.087		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:19	1
Manganese	1.2		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Nickel	0.19		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:30	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:30	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:19	1
Zinc	0.44	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:30	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:25	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.018	0.0096	mg/Kg	☼	03/25/24 17:05	03/26/24 08:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			03/19/24 17:25	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(0-5)-031224

Lab Sample ID: 500-247356-8

Date Collected: 03/12/24 09:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0063	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Benzene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Bromoform	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Carbon disulfide	<0.0036		0.0036	0.00076	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Carbon tetrachloride	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Chlorobenzene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Chloroform	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Chloromethane	<0.0036		0.0036	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Dibromochloromethane	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,1-Dichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,1-Dichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Ethylbenzene	<0.0015		0.0015	0.00069	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Styrene	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Tetrachloroethene	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Trichloroethene	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Vinyl chloride	<0.0015	+	0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☆	03/12/24 18:23	03/15/24 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		75 - 131	03/12/24 18:23	03/15/24 16:29	1
Dibromofluoromethane (Surr)	112		75 - 126	03/12/24 18:23	03/15/24 16:29	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	03/12/24 18:23	03/15/24 16:29	1
Toluene-d8 (Surr)	104		75 - 124	03/12/24 18:23	03/15/24 16:29	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(0-5)-031224

Lab Sample ID: 500-247356-8

Date Collected: 03/12/24 09:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.9

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,4-Dimethylphenol	<0.38	*+	0.38	0.085	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Methylnaphthalene	<0.076		0.076	0.0076	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Benzo[a]anthracene	0.016	J	0.038	0.0080	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Benzo[a]pyrene	<0.038		0.038	0.036	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Benzo[g,h,i]perylene	0.032	J	0.038	0.0082	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Chrysene	0.022	J	0.038	0.010	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Fluoranthene	0.012	J	0.038	0.0088	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Hexachlorocyclopentadiene	<0.76	*+	0.76	0.40	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 19:50	03/21/24 17:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(0-5)-031224

Lab Sample ID: 500-247356-8

Date Collected: 03/12/24 09:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.9

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Naphthalene	<0.038		0.038	0.0068	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
N-Nitrosodi-n-propylamine	<0.076	*+	0.076	0.0075	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Pentachlorophenol	<0.76		0.76	0.095	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Phenanthrene	0.018	J	0.038	0.0082	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1
Pyrene	0.018	J	0.038	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 17:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	03/20/24 19:50	03/21/24 17:51	1
2-Fluorobiphenyl (Surr)	64		43 - 145	03/20/24 19:50	03/21/24 17:51	1
2-Fluorophenol (Surr)	60		31 - 166	03/20/24 19:50	03/21/24 17:51	1
Nitrobenzene-d5 (Surr)	60		37 - 147	03/20/24 19:50	03/21/24 17:51	1
Phenol-d5 (Surr)	67		30 - 153	03/20/24 19:50	03/21/24 17:51	1
Terphenyl-d14 (Surr)	88		42 - 157	03/20/24 19:50	03/21/24 17:51	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.7	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Arsenic	6.0		0.57	0.20	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Barium	54		0.57	0.065	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Beryllium	1.5	B	1.1	0.27	mg/Kg	☆	03/18/24 09:33	03/25/24 20:46	5
Cadmium	0.31	B	0.11	0.021	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Calcium	67000		57	9.7	mg/Kg	☆	03/18/24 09:33	03/25/24 20:46	5
Chromium	17		0.57	0.28	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Cobalt	12		0.29	0.075	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Copper	22		2.9	0.80	mg/Kg	☆	03/18/24 09:33	03/25/24 20:46	5
Iron	18000		11	6.0	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Lead	26		0.29	0.13	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Magnesium	22000		5.7	2.8	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Manganese	410		0.57	0.083	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Nickel	30		0.57	0.17	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Potassium	2300		29	10	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Selenium	0.36	J	0.57	0.34	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Silver	0.67		0.29	0.074	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Sodium	1100		290	42	mg/Kg	☆	03/18/24 09:33	03/25/24 20:46	5
Thallium	<0.57		0.57	0.29	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Vanadium	21		0.29	0.068	mg/Kg	☆	03/18/24 09:33	03/23/24 00:17	1
Zinc	66		5.7	2.5	mg/Kg	☆	03/18/24 09:33	03/25/24 20:46	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Barium	0.57		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:12	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(0-5)-031224

Lab Sample ID: 500-247356-8

Date Collected: 03/12/24 09:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:21	1
Manganese	4.0		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Nickel	0.015	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:12	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:12	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:21	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:12	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.066		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Barium	0.66		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:38	1
Beryllium	0.0059		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:42	1
Chromium	0.15		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Cobalt	0.076		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Copper	0.16		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Iron	180		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:38	1
Lead	0.12		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:38	1
Manganese	1.4		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Nickel	0.20		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:42	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:42	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:38	1
Zinc	0.43	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:42	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:36	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0096	mg/Kg	☼	03/25/24 17:05	03/26/24 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			03/19/24 17:36	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(5-10)-031224

Lab Sample ID: 500-247356-9

Date Collected: 03/12/24 09:40

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Carbon disulfide	<0.0037		0.0037	0.00078	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0017	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Vinyl chloride	<0.0015	+	0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☆	03/12/24 18:23	03/15/24 16:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/12/24 18:23	03/15/24 16:54	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/15/24 16:54	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	03/12/24 18:23	03/15/24 16:54	1
Toluene-d8 (Surr)	105		75 - 124	03/12/24 18:23	03/15/24 16:54	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(5-10)-031224

Lab Sample ID: 500-247356-9

Date Collected: 03/12/24 09:40

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.9

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,4-Dimethylphenol	<0.38	*+	0.38	0.085	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Benzo[a]anthracene	0.0086	J	0.038	0.0081	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Benzo[g,h,i]perylene	0.011	J	0.038	0.0082	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Hexachlorocyclopentadiene	<0.77	*+	0.77	0.40	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(5-10)-031224

Lab Sample ID: 500-247356-9

Date Collected: 03/12/24 09:40

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.9

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
N-Nitrosodi-n-propylamine	<0.077	+	0.077	0.0075	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1
Pyrene	<0.038		0.038	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 16:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143	03/20/24 19:50	03/21/24 16:36	1
2-Fluorobiphenyl (Surr)	51		43 - 145	03/20/24 19:50	03/21/24 16:36	1
2-Fluorophenol (Surr)	50		31 - 166	03/20/24 19:50	03/21/24 16:36	1
Nitrobenzene-d5 (Surr)	51		37 - 147	03/20/24 19:50	03/21/24 16:36	1
Phenol-d5 (Surr)	54		30 - 153	03/20/24 19:50	03/21/24 16:36	1
Terphenyl-d14 (Surr)	84		42 - 157	03/20/24 19:50	03/21/24 16:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300		11	4.6	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Arsenic	9.1		0.56	0.19	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Barium	53		0.56	0.064	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Beryllium	0.90	J B	1.1	0.26	mg/Kg	☆	03/18/24 09:33	03/25/24 20:50	5
Cadmium	0.30	B	0.11	0.020	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Calcium	68000		56	9.6	mg/Kg	☆	03/18/24 09:33	03/25/24 20:50	5
Chromium	13		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Cobalt	11		0.28	0.074	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Copper	24		2.8	0.79	mg/Kg	☆	03/18/24 09:33	03/25/24 20:50	5
Iron	17000		11	5.9	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Lead	13		0.28	0.13	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Magnesium	25000		5.6	2.8	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Manganese	350		0.56	0.082	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Nickel	26		0.56	0.16	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Potassium	1800		28	10	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Selenium	0.36	J	0.56	0.33	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Silver	0.71		0.28	0.073	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Sodium	570		280	42	mg/Kg	☆	03/18/24 09:33	03/25/24 20:50	5
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Vanadium	18		0.28	0.067	mg/Kg	☆	03/18/24 09:33	03/23/24 00:20	1
Zinc	59		5.6	2.5	mg/Kg	☆	03/18/24 09:33	03/25/24 20:50	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Barium	0.54		0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:17	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(5-10)-031224

Lab Sample ID: 500-247356-9

Date Collected: 03/12/24 09:40

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Cobalt	0.015	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:25	1
Manganese	2.7		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Nickel	0.028		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:17	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:17	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:25	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:17	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Barium	0.062	J	0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:46	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:46	1
Chromium	0.017	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Copper	0.010	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Iron	11		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:41	1
Manganese	0.10		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Nickel	0.012	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:46	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:46	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:41	1
Zinc	0.027	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:46	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:38	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0092	mg/Kg	☼	03/25/24 17:05	03/26/24 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			03/19/24 17:38	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(10-15)-031224

Lab Sample ID: 500-247356-10

Date Collected: 03/12/24 09:45

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0061	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Bromoform	<0.0014		0.0014	0.00041	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Bromomethane	<0.0035		0.0035	0.0013	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Carbon disulfide	<0.0035		0.0035	0.00073	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Chlorobenzene	<0.0014		0.0014	0.00052	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Chloroethane	<0.0035		0.0035	0.0010	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Chloroform	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Chloromethane	<0.0035		0.0035	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Dibromochloromethane	<0.0014		0.0014	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,1-Dichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,2-Dichloroethane	<0.0035		0.0035	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,1-Dichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Ethylbenzene	<0.0014		0.0014	0.00067	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
2-Hexanone	<0.0035		0.0035	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Methylene Chloride	<0.0035		0.0035	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Methyl Ethyl Ketone	<0.0035		0.0035	0.0016	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
methyl isobutyl ketone	<0.0035		0.0035	0.0010	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00041	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00045	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Tetrachloroethene	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00047	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Trichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Vinyl chloride	<0.0014	+	0.0014	0.00062	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1
Xylenes, Total	<0.0028		0.0028	0.00045	mg/Kg	☼	03/12/24 18:23	03/15/24 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	03/12/24 18:23	03/15/24 17:19	1
Dibromofluoromethane (Surr)	114		75 - 126	03/12/24 18:23	03/15/24 17:19	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	03/12/24 18:23	03/15/24 17:19	1
Toluene-d8 (Surr)	107		75 - 124	03/12/24 18:23	03/15/24 17:19	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 17:01	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 17:01	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/20/24 19:50	03/21/24 17:01	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 17:01	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 17:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(10-15)-031224

Lab Sample ID: 500-247356-10

Date Collected: 03/12/24 09:45

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.6

Method: SW846 8270E - 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	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,4-Dimethylphenol	<0.39	*+	0.39	0.088	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Benzo[a]anthracene	0.012	J	0.039	0.0083	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Benzo[g,h,i]perylene	0.016	J	0.039	0.0085	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Carbazole	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Chrysene	0.013	J	0.039	0.010	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Hexachlorocyclopentadiene	<0.79	*+	0.79	0.42	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 19:50	03/21/24 17:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(10-15)-031224

Lab Sample ID: 500-247356-10

Date Collected: 03/12/24 09:45

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.6

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
N-Nitrosodi-n-propylamine	<0.079	*+	0.079	0.0077	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Phenanthrene	0.013	J	0.039	0.0085	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Pyrene	0.013	J	0.039	0.011	mg/Kg	☆	03/20/24 19:50	03/21/24 17:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				03/20/24 19:50	03/21/24 17:01	1
2-Fluorobiphenyl (Surr)	64		43 - 145				03/20/24 19:50	03/21/24 17:01	1
2-Fluorophenol (Surr)	65		31 - 166				03/20/24 19:50	03/21/24 17:01	1
Nitrobenzene-d5 (Surr)	65		37 - 147				03/20/24 19:50	03/21/24 17:01	1
Phenol-d5 (Surr)	71		30 - 153				03/20/24 19:50	03/21/24 17:01	1
Terphenyl-d14 (Surr)	90		42 - 157				03/20/24 19:50	03/21/24 17:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	4.8	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Arsenic	7.0		0.59	0.20	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Barium	56		0.59	0.067	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Beryllium	1.1	J B	1.2	0.27	mg/Kg	☆	03/18/24 09:33	03/25/24 20:53	5
Cadmium	0.30	B	0.12	0.021	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Calcium	77000		59	9.9	mg/Kg	☆	03/18/24 09:33	03/25/24 20:53	5
Chromium	16		0.59	0.29	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Cobalt	11		0.29	0.077	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Copper	23		2.9	0.82	mg/Kg	☆	03/18/24 09:33	03/25/24 20:53	5
Iron	18000		12	6.1	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Lead	12		0.29	0.14	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Magnesium	26000		5.9	2.9	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Manganese	370		0.59	0.085	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Nickel	28		0.59	0.17	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Potassium	2600		29	10	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Selenium	<0.59		0.59	0.34	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Silver	0.78		0.29	0.076	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Sodium	350		290	43	mg/Kg	☆	03/18/24 09:33	03/25/24 20:53	5
Thallium	<0.59		0.59	0.29	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Vanadium	20		0.29	0.069	mg/Kg	☆	03/18/24 09:33	03/23/24 00:24	1
Zinc	77		5.9	2.6	mg/Kg	☆	03/18/24 09:33	03/25/24 20:53	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Barium	0.47	J	0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-9(10-15)-031224

Lab Sample ID: 500-247356-10

Date Collected: 03/12/24 09:45

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:29	1
Manganese	2.1		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Nickel	0.013	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:21	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:21	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:29	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:21	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Barium	0.052	J	0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:45	1
Beryllium	0.0060		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:50	1
Chromium	0.013	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Iron	8.1		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:45	1
Manganese	0.055		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:50	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:50	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:45	1
Zinc	0.024	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:50	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:40	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027	F1	0.018	0.0097	mg/Kg	☼	03/25/24 17:05	03/26/24 08:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/19/24 17:41	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(0-5)-031224

Lab Sample ID: 500-247356-11

Date Collected: 03/12/24 09:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0076	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Benzene	<0.0017		0.0017	0.00044	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Bromoform	<0.0017		0.0017	0.00051	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Carbon disulfide	<0.0043		0.0043	0.00090	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Carbon tetrachloride	<0.0017		0.0017	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Chlorobenzene	<0.0017		0.0017	0.00064	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Chloroform	<0.0017		0.0017	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00052	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Dibromochloromethane	<0.0017		0.0017	0.00057	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,1-Dichloroethane	<0.0017		0.0017	0.00059	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,2-Dichloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,1-Dichloroethene	<0.0017		0.0017	0.00060	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00061	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Ethylbenzene	<0.0017		0.0017	0.00083	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
2-Hexanone	<0.0043		0.0043	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Methylene Chloride	<0.0043		0.0043	0.0017	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00051	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Styrene	<0.0017		0.0017	0.00052	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00055	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Tetrachloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Toluene	<0.0017		0.0017	0.00044	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00077	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00061	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00075	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Trichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Vinyl chloride	<0.0017	+	0.0017	0.00077	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☼	03/12/24 18:23	03/15/24 17:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		75 - 131	03/12/24 18:23	03/15/24 17:43	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/15/24 17:43	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	03/12/24 18:23	03/15/24 17:43	1
Toluene-d8 (Surr)	105		75 - 124	03/12/24 18:23	03/15/24 17:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	03/20/24 19:50	03/21/24 18:16	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 18:16	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 18:16	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 18:16	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	03/20/24 19:50	03/21/24 18:16	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(0-5)-031224

Lab Sample ID: 500-247356-11

Date Collected: 03/12/24 09:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.7

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,4-Dimethylphenol	<0.37	*+	0.37	0.082	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2,6-Dinitrotoluene	<0.18		0.18	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Methylnaphthalene	0.0099	J	0.074	0.0074	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Chloro-3-methylphenol	<0.37		0.37	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Chloroaniline	<0.74		0.74	0.39	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Benzo[a]anthracene	0.0093	J	0.037	0.0078	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Benzo[a]pyrene	<0.037		0.037	0.035	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Benzo[g,h,i]perylene	0.019	J	0.037	0.0080	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Chrysene	0.016	J	0.037	0.0097	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Fluoranthene	<0.037		0.037	0.0085	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Hexachlorocyclopentadiene	<0.74	*+	0.74	0.39	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 18:16	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(0-5)-031224

Lab Sample ID: 500-247356-11

Date Collected: 03/12/24 09:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.7

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Naphthalene	<0.037		0.037	0.0066	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
N-Nitrosodi-n-propylamine	<0.074	*+	0.074	0.0072	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Phenanthrene	0.019	J	0.037	0.0080	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1
Pyrene	0.011	J	0.037	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 18:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		31 - 143	03/20/24 19:50	03/21/24 18:16	1
2-Fluorobiphenyl (Surr)	67		43 - 145	03/20/24 19:50	03/21/24 18:16	1
2-Fluorophenol (Surr)	66		31 - 166	03/20/24 19:50	03/21/24 18:16	1
Nitrobenzene-d5 (Surr)	73		37 - 147	03/20/24 19:50	03/21/24 18:16	1
Phenol-d5 (Surr)	73		30 - 153	03/20/24 19:50	03/21/24 18:16	1
Terphenyl-d14 (Surr)	83		42 - 157	03/20/24 19:50	03/21/24 18:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.4	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Arsenic	5.6		0.54	0.19	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Barium	52		0.54	0.062	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Beryllium	0.99	J B	1.1	0.25	mg/Kg	☆	03/18/24 09:33	03/25/24 20:57	5
Cadmium	0.28	B	0.11	0.020	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Calcium	77000		54	9.2	mg/Kg	☆	03/18/24 09:33	03/25/24 20:57	5
Chromium	15		0.54	0.27	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Cobalt	11		0.27	0.071	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Copper	21		2.7	0.76	mg/Kg	☆	03/18/24 09:33	03/25/24 20:57	5
Iron	17000		11	5.7	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Lead	14		0.27	0.13	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Magnesium	25000		5.4	2.7	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Manganese	410		0.54	0.079	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Nickel	26		0.54	0.16	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Potassium	2300		27	9.6	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Silver	0.78		0.27	0.070	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Sodium	740		270	40	mg/Kg	☆	03/18/24 09:33	03/25/24 20:57	5
Thallium	<0.54		0.54	0.27	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Vanadium	20		0.27	0.064	mg/Kg	☆	03/18/24 09:33	03/23/24 00:28	1
Zinc	61		5.4	2.4	mg/Kg	☆	03/18/24 09:33	03/25/24 20:57	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Barium	0.27	J	0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:35	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(0-5)-031224

Lab Sample ID: 500-247356-11

Date Collected: 03/12/24 09:55

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Cobalt	0.012	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:32	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:32	1
Manganese	3.1		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Nickel	0.024	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:35	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:35	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:32	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:35	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Barium	0.062	J	0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/25/24 17:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:54	1
Chromium	0.015	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Iron	9.2		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:48	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:48	1
Manganese	0.078		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Nickel	0.012	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:54	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:54	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:48	1
Zinc	0.026	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:54	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:42	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0096	mg/Kg	☼	03/25/24 17:05	03/26/24 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			03/19/24 17:43	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(5-10)-031224

Lab Sample ID: 500-247356-12

Date Collected: 03/12/24 10:00

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0063	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Benzene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Carbon disulfide	<0.0036		0.0036	0.00076	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Carbon tetrachloride	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Chlorobenzene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Chloromethane	<0.0036		0.0036	0.0015	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,1-Dichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,1-Dichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Ethylbenzene	<0.0015		0.0015	0.00070	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Styrene	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00065	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00063	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Trichloroethene	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Vinyl chloride	<0.0015	+	0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1
Xylenes, Total	<0.0029		0.0029	0.00047	mg/Kg	☆	03/12/24 18:23	03/15/24 18:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 131	03/12/24 18:23	03/15/24 18:08	1
Dibromofluoromethane (Surr)	116		75 - 126	03/12/24 18:23	03/15/24 18:08	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	03/12/24 18:23	03/15/24 18:08	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/15/24 18:08	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(5-10)-031224

Lab Sample ID: 500-247356-12

Date Collected: 03/12/24 10:00

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8270E - 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	0.014	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,4-Dimethylphenol	<0.38	*+	0.38	0.086	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Methylnaphthalene	0.0086	J	0.077	0.0077	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Benzo[a]anthracene	0.0095	J	0.038	0.0081	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Benzo[g,h,i]perylene	0.030	J	0.038	0.0083	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Chrysene	0.016	J	0.038	0.010	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Fluoranthene	0.011	J	0.038	0.0089	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Hexachlorocyclopentadiene	<0.77	*+	0.77	0.41	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	03/20/24 19:50	03/21/24 17:25	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(5-10)-031224

Lab Sample ID: 500-247356-12

Date Collected: 03/12/24 10:00

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
N-Nitrosodi-n-propylamine	<0.077	*+	0.077	0.0075	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Pentachlorophenol	<0.77		0.77	0.096	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Phenanthrene	0.021	J	0.038	0.0083	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Pyrene	0.020	J	0.038	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 17:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143				03/20/24 19:50	03/21/24 17:25	1
2-Fluorobiphenyl (Surr)	64		43 - 145				03/20/24 19:50	03/21/24 17:25	1
2-Fluorophenol (Surr)	65		31 - 166				03/20/24 19:50	03/21/24 17:25	1
Nitrobenzene-d5 (Surr)	67		37 - 147				03/20/24 19:50	03/21/24 17:25	1
Phenol-d5 (Surr)	68		30 - 153				03/20/24 19:50	03/21/24 17:25	1
Terphenyl-d14 (Surr)	87		42 - 157				03/20/24 19:50	03/21/24 17:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.7	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Arsenic	9.4		0.57	0.20	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Barium	65		0.57	0.065	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Beryllium	1.0	J B	1.1	0.27	mg/Kg	☆	03/18/24 09:33	03/25/24 21:01	5
Cadmium	0.38	B	0.11	0.021	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Calcium	65000		57	9.7	mg/Kg	☆	03/18/24 09:33	03/25/24 21:01	5
Chromium	16		0.57	0.28	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Cobalt	13		0.29	0.075	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Copper	27		2.9	0.80	mg/Kg	☆	03/18/24 09:33	03/25/24 21:01	5
Iron	19000		11	5.9	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Lead	27		0.29	0.13	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Magnesium	23000		5.7	2.8	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Manganese	450		0.57	0.083	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Nickel	30		0.57	0.17	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Potassium	2400		29	10	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Selenium	<0.57		0.57	0.34	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Silver	0.69		0.29	0.074	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Sodium	450		290	42	mg/Kg	☆	03/18/24 09:33	03/25/24 21:01	5
Thallium	<0.57		0.57	0.28	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Vanadium	21		0.29	0.067	mg/Kg	☆	03/18/24 09:33	03/23/24 00:31	1
Zinc	88		5.7	2.5	mg/Kg	☆	03/18/24 09:33	03/25/24 21:01	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Barium	0.49	J	0.50	0.050	mg/L		03/21/24 16:31	03/25/24 16:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:31	03/22/24 23:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:31	03/22/24 23:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(5-10)-031224

Lab Sample ID: 500-247356-12

Date Collected: 03/12/24 10:00

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:31	03/25/24 16:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:31	03/25/24 16:36	1
Manganese	3.3		0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Nickel	0.014	J	0.025	0.010	mg/L		03/21/24 16:31	03/22/24 23:39	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:31	03/22/24 23:39	1
Silver	<0.025	*+	0.025	0.010	mg/L		03/21/24 16:31	03/25/24 16:36	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:31	03/22/24 23:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 00:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 00:58	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Iron	0.92		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:52	1
Manganese	0.015	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 00:58	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 00:58	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:52	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:20	03/23/24 00:58	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:44	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.010	mg/Kg	☼	03/25/24 17:05	03/26/24 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/19/24 17:46	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(10-15)-031224

Lab Sample ID: 500-247356-13

Date Collected: 03/12/24 10:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.016		0.014	0.0062	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Carbon disulfide	<0.0036		0.0036	0.00074	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Ethylbenzene	<0.0014		0.0014	0.00068	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Methyl Ethyl Ketone	0.0025 J		0.0036	0.0016	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00063	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00061	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Trichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Vinyl chloride	<0.0014	+	0.0014	0.00063	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☼	03/12/24 18:23	03/15/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	03/12/24 18:23	03/15/24 18:33	1
Dibromofluoromethane (Surr)	108		75 - 126	03/12/24 18:23	03/15/24 18:33	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	03/12/24 18:23	03/15/24 18:33	1
Toluene-d8 (Surr)	103		75 - 124	03/12/24 18:23	03/15/24 18:33	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 16:10	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 16:10	1
1,3-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 19:50	03/21/24 16:10	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 19:50	03/21/24 16:10	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 16:10	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(10-15)-031224

Lab Sample ID: 500-247356-13

Date Collected: 03/12/24 10:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.3

Method: SW846 8270E - 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	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,4-Dimethylphenol	<0.39	*+	0.39	0.087	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.032	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Anthracene	<0.039		0.039	0.0079	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Benzo[a]anthracene	0.0094	J	0.039	0.0082	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Benzo[a]pyrene	<0.039		0.039	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0084	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Fluoranthene	<0.039		0.039	0.0090	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Fluorene	<0.039		0.039	0.011	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Hexachlorocyclopentadiene	<0.78	*+	0.78	0.41	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(10-15)-031224

Lab Sample ID: 500-247356-13

Date Collected: 03/12/24 10:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.3

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Naphthalene	<0.039		0.039	0.0070	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
N-Nitrosodi-n-propylamine	<0.078	*+	0.078	0.0076	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Pentachlorophenol	<0.78		0.78	0.097	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Phenanthrene	<0.039		0.039	0.0084	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☆	03/20/24 19:50	03/21/24 16:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143				03/20/24 19:50	03/21/24 16:10	1
2-Fluorobiphenyl (Surr)	55		43 - 145				03/20/24 19:50	03/21/24 16:10	1
2-Fluorophenol (Surr)	55		31 - 166				03/20/24 19:50	03/21/24 16:10	1
Nitrobenzene-d5 (Surr)	60		37 - 147				03/20/24 19:50	03/21/24 16:10	1
Phenol-d5 (Surr)	61		30 - 153				03/20/24 19:50	03/21/24 16:10	1
Terphenyl-d14 (Surr)	78		42 - 157				03/20/24 19:50	03/21/24 16:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.4	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Arsenic	6.9		0.54	0.19	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Barium	65		0.54	0.062	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Beryllium	0.93	J B	1.1	0.25	mg/Kg	☆	03/18/24 09:33	03/25/24 21:05	5
Cadmium	0.25	B	0.11	0.020	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Calcium	56000		54	9.2	mg/Kg	☆	03/18/24 09:33	03/25/24 21:05	5
Chromium	17		0.54	0.27	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Cobalt	10		0.27	0.071	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Copper	24		2.7	0.76	mg/Kg	☆	03/18/24 09:33	03/25/24 21:05	5
Iron	20000		11	5.6	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Lead	12		0.27	0.13	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Magnesium	19000		5.4	2.7	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Manganese	300		0.54	0.079	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Nickel	28		0.54	0.16	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Potassium	2500		27	9.6	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Silver	0.55		0.27	0.070	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Sodium	140	J	270	40	mg/Kg	☆	03/18/24 09:33	03/25/24 21:05	5
Thallium	<0.54		0.54	0.27	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Vanadium	24		0.27	0.064	mg/Kg	☆	03/18/24 09:33	03/23/24 00:35	1
Zinc	62		5.4	2.4	mg/Kg	☆	03/18/24 09:33	03/25/24 21:05	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:27	1
Barium	0.57		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 13:56	1
Cadmium	0.0034	J	0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:27	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Client Sample ID: ROW-10(10-15)-031224

Lab Sample ID: 500-247356-13

Date Collected: 03/12/24 10:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 85.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:27	1
Cobalt	0.049		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:27	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:27	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 13:56	1
Lead	0.015		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:27	1
Manganese	7.1		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:56	1
Nickel	0.062		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:27	1
Silver	0.017 J		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:56	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:27	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Barium	0.11 J		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 01:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 01:02	1
Chromium	0.027		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Copper	0.019 J		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Iron	21		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:55	1
Lead	0.010		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:55	1
Manganese	0.17		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Nickel	0.023 J		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:02	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 01:02	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:55	1
Zinc	0.053 J		0.50	0.020	mg/L		03/21/24 16:20	03/23/24 01:02	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 13:09	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.018	0.0096	mg/Kg	☼	03/25/24 17:05	03/26/24 09:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			03/19/24 17:48	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Glossary (Continued)

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

1

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247356-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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

Chain of Custody Record 720466




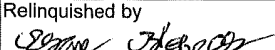
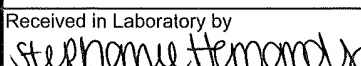


Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. SIESERS		Site Contact: C. DAVIDS		Date: 3/12/2024		COC No						
Company Name: Weston Solutions		Tel/Email		Lab Contact: J. Knapp		Carrier:		1 of 3 COCs						
Address: 300 Knightsbridge Pkwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SPLP methods PH		 500-247356 COC		Sampler For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No 500-247356						
City/State/Zip: Lincolnshire, IL 60009														
Phone: 312-590-2518														
Project Name: 1-00-1-55														
Site: 065 IDOT														
P O #														
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP/SPLP methods	PH	Sample Specific Notes
ROW-6(0-5)-031224		3/12/24	0830	G	S	6			X	X	X	X	X	
ROW-6(5-10)-031224			0835											
ROW-8(0-5)-031224			0850											
ROW-8(0-5)-031224D			0850											
ROW-8(5-10)-031224			0855											
ROW-7(0-5)-031224			0910											
ROW-7(5-10)-031224			0915											
ROW-9(0-5)-031224			0935											
ROW-9(5-10)-031224			0940											
ROW-9(10-15)-031224			0945											
ROW-10(0-5)-031224			0955											
ROW-10(5-10)-031224			1000											
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <p style="text-align: right; font-size: 1.2em;">5A+4.7.6.3-16.1, 56+A.9</p>														
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: Weston		Date/Time: 3/12/24 1607		Received by: 		Company: EETA		Date/Time: 3/12/24 1607				
Relinquished by: 		Company: EETA		Date/Time: 3/12/24 1700		Received by:		Company:		Date/Time:				
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: 		Company: EETA		Date/Time: 3/12/24 1700				



Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Siebers		Site Contact: C. Davis		Date: 3/12/2024		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 3 COCs	
Address: Bowling Green Bridge		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS /MSD (Y/N) VOCs SVOCs Total Metals TCLP / SPL / Petroleum PH				Sampler	
City/State/Zip: Lincolnshire, IL 60469		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____						For Lab Use Only:	
Phone: 312-590-2510		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Walk-in Client	
Project Name: I-55 - I-80								Lab Sampling	
Site: 065 IDOT								Job / SDG No	
PO#								500-247350	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes		
13 Row-10 (10-15) -031224		03/12/24	1005	G	S	6			
Row-13 (0-5) -031224			1120						
Row-13 (0-5) -031224(D)			1120						
Row-13 (5-10) -031224			1125						
Row-13 (10-15) -031224			1130						
Row-14 (0-5) -031224			1145						
Row-14 (5-10) -031224			1150						
Row-14 (10-15) -031224			1155						
Row-16 (0-4) -031224			1205						
Row-17 (0-4) -031224			1220						
Row-18 (0-5) -031224			1230						
Row-18 (5-8) -031224			1235						
Preservation Used: 1=Ice, 2=HCl; 3=H2SO4; 4=HNO3; 5=NaOH; 6=Other				Sample Disposal (* 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
<input 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:									
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: WCS		Date/Time: 3/12/24 1607		Received by:		Company: EETA	
Relinquished by:		Company: EETA		Date/Time: 3/12/24 1700		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EETA	
								Date/Time: 3/12/24 1700	



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 4/3/2024 3:23:19 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247357-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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4/3/2024 3:23:19 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224

Lab Sample ID: 500-247357-1

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Methylene Chloride	<0.0044		0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	03/12/24 18:23	03/14/24 13:01	1
Dibromofluoromethane (Surr)	114		75 - 126	03/12/24 18:23	03/14/24 13:01	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/12/24 18:23	03/14/24 13:01	1
Toluene-d8 (Surr)	89		75 - 124	03/12/24 18:23	03/14/24 13:01	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224

Lab Sample ID: 500-247357-1

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.4

Method: SW846 8270E - 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	0.015	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,4-Dimethylphenol	<0.38		0.38	0.087	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.032	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Nitroaniline	<0.38		0.38	0.029	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Acenaphthene	<0.038		0.038	0.0079	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Acenaphthylene	<0.038		0.038	0.0066	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0084	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Fluoranthene	<0.038		0.038	0.0090	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/25/24 13:48	03/26/24 11:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224

Lab Sample ID: 500-247357-1

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.4

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0076	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Pentachlorophenol	<0.78		0.78	0.097	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1
Pyrene	<0.038		0.038	0.011	mg/Kg	☆	03/25/24 13:48	03/26/24 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	03/25/24 13:48	03/26/24 11:48	1
2-Fluorobiphenyl (Surr)	66		43 - 145	03/25/24 13:48	03/26/24 11:48	1
2-Fluorophenol (Surr)	62		31 - 166	03/25/24 13:48	03/26/24 11:48	1
Nitrobenzene-d5 (Surr)	62		37 - 147	03/25/24 13:48	03/26/24 11:48	1
Phenol-d5 (Surr)	69		30 - 153	03/25/24 13:48	03/26/24 11:48	1
Terphenyl-d14 (Surr)	70		42 - 157	03/25/24 13:48	03/26/24 11:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		57	23	mg/Kg	☆	03/18/24 09:30	03/26/24 14:18	5
Antimony	0.26	J F1	1.1	0.22	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Arsenic	6.6	F1	0.57	0.19	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Barium	87		0.57	0.065	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Beryllium	0.73	J	1.1	0.27	mg/Kg	☆	03/18/24 09:30	03/27/24 12:16	5
Cadmium	0.31	B	0.11	0.021	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Calcium	45000		57	9.7	mg/Kg	☆	03/18/24 09:30	03/25/24 16:04	5
Chromium	17		0.57	0.28	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Cobalt	14		0.28	0.075	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Copper	20		2.8	0.80	mg/Kg	☆	03/18/24 09:30	03/25/24 16:04	5
Iron	19000		11	5.9	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Lead	13		0.28	0.13	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Magnesium	15000		5.7	2.8	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Manganese	690	F2	0.57	0.083	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Nickel	29		0.57	0.17	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Potassium	2000	F1	28	10	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Selenium	<0.57	F1	0.57	0.34	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Silver	<1.4	F1	1.4	0.37	mg/Kg	☆	03/18/24 09:30	03/26/24 14:18	5
Sodium	100	B	57	8.4	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Thallium	<0.57	F1	0.57	0.28	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Vanadium	25		0.28	0.067	mg/Kg	☆	03/18/24 09:30	03/22/24 21:31	1
Zinc	60		5.7	2.5	mg/Kg	☆	03/18/24 09:30	03/26/24 14:18	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:39	1
Barium	0.50		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 14:03	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224

Lab Sample ID: 500-247357-1

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 83.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:39	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:39	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:39	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 14:03	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:39	1
Manganese	2.3		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:03	1
Nickel	0.013	J	0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:39	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:39	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:03	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 17:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 01:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 01:16	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Iron	1.4		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 17:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 17:59	1
Manganese	0.028		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:16	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 01:16	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 17:59	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:20	03/23/24 01:16	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:46	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0094	mg/Kg	☼	03/22/24 16:20	03/25/24 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			03/19/24 15:49	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224D

Lab Sample ID: 500-247357-2

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018		0.015	0.0065	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Carbon disulfide	<0.0037		0.0037	0.00078	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0017	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	03/12/24 18:23	03/14/24 13:25	1
Dibromofluoromethane (Surr)	117		75 - 126	03/12/24 18:23	03/14/24 13:25	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	03/12/24 18:23	03/14/24 13:25	1
Toluene-d8 (Surr)	90		75 - 124	03/12/24 18:23	03/14/24 13:25	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	03/21/24 10:43	03/22/24 16:45	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	03/21/24 10:43	03/22/24 16:45	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 16:45	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	03/21/24 10:43	03/22/24 16:45	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	03/21/24 10:43	03/22/24 16:45	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224D

Lab Sample ID: 500-247357-2

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8270E - 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	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Benzo[a]anthracene	0.024	J	0.039	0.0084	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0085	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Carbazole	<0.20		0.20	0.016	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Chrysene	0.016	J	0.039	0.010	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Fluoranthene	0.020	J	0.039	0.0091	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	03/21/24 10:43	03/22/24 16:45	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224D

Lab Sample ID: 500-247357-2

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 8270E - 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	0.038	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0078	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Phenanthrene	0.022	J	0.039	0.0086	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Pyrene	0.018	J	0.039	0.011	mg/Kg	✳	03/21/24 10:43	03/22/24 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	132		31 - 143				03/21/24 10:43	03/22/24 16:45	1
2-Fluorobiphenyl (Surr)	130		43 - 145				03/21/24 10:43	03/22/24 16:45	1
2-Fluorophenol (Surr)	121		31 - 166				03/21/24 10:43	03/22/24 16:45	1
Nitrobenzene-d5 (Surr)	124		37 - 147				03/21/24 10:43	03/22/24 16:45	1
Phenol-d5 (Surr)	129		30 - 153				03/21/24 10:43	03/22/24 16:45	1
Terphenyl-d14 (Surr)	125		42 - 157				03/21/24 10:43	03/22/24 16:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		56	23	mg/Kg	✳	03/18/24 09:30	03/26/24 14:48	5
Antimony	0.30	J	1.1	0.22	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Arsenic	8.0		0.56	0.19	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Barium	84		0.56	0.064	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Beryllium	0.76	J	1.1	0.26	mg/Kg	✳	03/18/24 09:30	03/27/24 12:34	5
Cadmium	0.28	B	0.11	0.020	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Calcium	56000		56	9.6	mg/Kg	✳	03/18/24 09:30	03/26/24 14:48	5
Chromium	17		0.56	0.28	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Cobalt	11		0.28	0.074	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Copper	21		2.8	0.79	mg/Kg	✳	03/18/24 09:30	03/25/24 16:33	5
Iron	20000		11	5.9	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Lead	13		0.28	0.13	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Magnesium	18000		5.6	2.8	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Manganese	420		0.56	0.082	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Nickel	26		0.56	0.16	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Potassium	2400		28	10	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Silver	<1.4		1.4	0.36	mg/Kg	✳	03/18/24 09:30	03/26/24 14:48	5
Sodium	110	B	56	8.4	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Vanadium	24		0.28	0.067	mg/Kg	✳	03/18/24 09:30	03/22/24 21:57	1
Zinc	61		5.6	2.5	mg/Kg	✳	03/18/24 09:30	03/25/24 16:33	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:43	1
Barium	0.51		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 14:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:43	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(0-5)-031224D

Lab Sample ID: 500-247357-2

Date Collected: 03/12/24 11:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:43	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:43	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:43	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 14:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:43	1
Manganese	0.45		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:07	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:43	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:43	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:07	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:43	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.021	J	0.050	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Barium	0.27	J	0.50	0.050	mg/L		03/21/24 16:20	03/25/24 18:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 01:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 01:20	1
Chromium	0.059		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Cobalt	0.017	J	0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Copper	0.049		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Iron	53		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 18:02	1
Lead	0.028		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 18:02	1
Manganese	0.29		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Nickel	0.058		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:20	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 01:20	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 18:02	1
Zinc	0.13	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 01:20	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:48	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:51	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0093	mg/Kg	☼	03/22/24 16:20	03/25/24 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			03/19/24 15:51	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(5-10)-031224

Lab Sample ID: 500-247357-3

Date Collected: 03/12/24 11:25

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Ethylbenzene	<0.0015		0.0015	0.00073	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	03/12/24 18:23	03/14/24 13:49	1
Dibromofluoromethane (Surr)	112		75 - 126	03/12/24 18:23	03/14/24 13:49	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	03/12/24 18:23	03/14/24 13:49	1
Toluene-d8 (Surr)	88		75 - 124	03/12/24 18:23	03/14/24 13:49	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(5-10)-031224

Lab Sample ID: 500-247357-3

Date Collected: 03/12/24 11:25

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.8

Method: SW846 8270E - 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	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,4-Dimethylphenol	<0.38		0.38	0.087	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.032	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Nitroaniline	<0.38		0.38	0.029	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Acenaphthene	<0.038		0.038	0.0079	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Acenaphthylene	<0.038		0.038	0.0066	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0084	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Fluoranthene	<0.038		0.038	0.0090	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(5-10)-031224

Lab Sample ID: 500-247357-3

Date Collected: 03/12/24 11:25

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.8

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0076	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Pentachlorophenol	<0.78		0.78	0.097	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1
Pyrene	<0.038		0.038	0.011	mg/Kg	☆	03/21/24 10:43	03/22/24 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	03/21/24 10:43	03/22/24 14:46	1
2-Fluorobiphenyl (Surr)	70		43 - 145	03/21/24 10:43	03/22/24 14:46	1
2-Fluorophenol (Surr)	70		31 - 166	03/21/24 10:43	03/22/24 14:46	1
Nitrobenzene-d5 (Surr)	71		37 - 147	03/21/24 10:43	03/22/24 14:46	1
Phenol-d5 (Surr)	75		30 - 153	03/21/24 10:43	03/22/24 14:46	1
Terphenyl-d14 (Surr)	74		42 - 157	03/21/24 10:43	03/22/24 14:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17000		57	23	mg/Kg	☆	03/18/24 09:30	03/26/24 14:52	5
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Arsenic	3.6		0.57	0.19	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Barium	97		0.57	0.064	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Beryllium	0.91	J	1.1	0.26	mg/Kg	☆	03/18/24 09:30	03/27/24 12:37	5
Cadmium	0.27	B	0.11	0.020	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Calcium	65000		57	9.6	mg/Kg	☆	03/18/24 09:30	03/26/24 14:52	5
Chromium	20		0.57	0.28	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Cobalt	8.8		0.28	0.074	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Copper	22		2.8	0.79	mg/Kg	☆	03/18/24 09:30	03/25/24 16:37	5
Iron	18000		11	5.9	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Lead	11		0.28	0.13	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Magnesium	18000		5.7	2.8	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Manganese	280		0.57	0.082	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Nickel	26		0.57	0.16	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Potassium	2200		28	10	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Selenium	<0.57		0.57	0.33	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Silver	<1.4		1.4	0.36	mg/Kg	☆	03/18/24 09:30	03/26/24 14:52	5
Sodium	110	B	57	8.4	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Thallium	<0.57		0.57	0.28	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Vanadium	24		0.28	0.067	mg/Kg	☆	03/18/24 09:30	03/22/24 22:01	1
Zinc	60		5.7	2.5	mg/Kg	☆	03/18/24 09:30	03/25/24 16:37	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:48	1
Barium	0.71		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 14:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(5-10)-031224

Lab Sample ID: 500-247357-3

Date Collected: 03/12/24 11:25

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 84.8

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:48	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:48	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:48	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 14:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:48	1
Manganese	2.5		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:11	1
Nickel	0.016	J	0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:48	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:48	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:11	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:48	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 18:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 01:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 01:24	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Iron	3.5		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 18:06	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 18:06	1
Manganese	0.029		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:24	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 01:24	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 18:06	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:20	03/23/24 01:24	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:51	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.018	0.0095	mg/Kg	☼	03/22/24 16:20	03/25/24 10:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			03/19/24 15:54	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(10-15)-031224

Lab Sample ID: 500-247357-4

Date Collected: 03/12/24 11:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 82.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	03/12/24 18:23	03/14/24 14:13	1
Dibromofluoromethane (Surr)	114		75 - 126	03/12/24 18:23	03/14/24 14:13	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/12/24 18:23	03/14/24 14:13	1
Toluene-d8 (Surr)	90		75 - 124	03/12/24 18:23	03/14/24 14:13	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(10-15)-031224

Lab Sample ID: 500-247357-4

Date Collected: 03/12/24 11:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 82.5

Method: SW846 8270E - 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	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Methylnaphthalene	<0.079		0.079	0.0078	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
4-Nitrophenol	<0.79		0.79	0.14	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0084	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Carbazole	<0.20		0.20	0.015	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Hexachlorocyclopentadiene	<0.79		0.79	0.41	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	03/21/24 10:43	03/22/24 15:10	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(10-15)-031224

Lab Sample ID: 500-247357-4

Date Collected: 03/12/24 11:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 82.5

Method: SW846 8270E - 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	0.038	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0077	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☆	03/21/24 10:43	03/22/24 15:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143				03/21/24 10:43	03/22/24 15:10	1
2-Fluorobiphenyl (Surr)	71		43 - 145				03/21/24 10:43	03/22/24 15:10	1
2-Fluorophenol (Surr)	69		31 - 166				03/21/24 10:43	03/22/24 15:10	1
Nitrobenzene-d5 (Surr)	70		37 - 147				03/21/24 10:43	03/22/24 15:10	1
Phenol-d5 (Surr)	73		30 - 153				03/21/24 10:43	03/22/24 15:10	1
Terphenyl-d14 (Surr)	74		42 - 157				03/21/24 10:43	03/22/24 15:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		58	24	mg/Kg	☆	03/18/24 09:30	03/26/24 14:56	5
Antimony	<1.2		1.2	0.22	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Arsenic	6.8		0.58	0.20	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Barium	68		0.58	0.066	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Beryllium	0.83	J	1.2	0.27	mg/Kg	☆	03/18/24 09:30	03/27/24 12:49	5
Cadmium	0.29	B	0.12	0.021	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Calcium	58000		58	9.8	mg/Kg	☆	03/18/24 09:30	03/26/24 14:56	5
Chromium	20		0.58	0.29	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Cobalt	15		0.29	0.076	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Copper	24		2.9	0.81	mg/Kg	☆	03/18/24 09:30	03/25/24 16:41	5
Iron	20000		12	6.0	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Lead	14		0.29	0.13	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Magnesium	19000		5.8	2.9	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Manganese	390		0.58	0.084	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Nickel	32		0.58	0.17	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Potassium	2700		29	10	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Silver	<1.4		1.4	0.37	mg/Kg	☆	03/18/24 09:30	03/26/24 14:56	5
Sodium	150	B	58	8.5	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Thallium	<0.58		0.58	0.29	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Vanadium	25		0.29	0.068	mg/Kg	☆	03/18/24 09:30	03/22/24 22:04	1
Zinc	66		5.8	2.5	mg/Kg	☆	03/18/24 09:30	03/25/24 16:41	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:52	1
Barium	0.38	J	0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 14:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:52	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-13(10-15)-031224

Lab Sample ID: 500-247357-4

Date Collected: 03/12/24 11:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 82.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:52	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:52	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:52	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 14:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:52	1
Manganese	1.9		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:14	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:52	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:52	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 14:14	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:52	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.049	J	0.050	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Barium	0.52		0.50	0.050	mg/L		03/21/24 16:20	03/25/24 18:17	1
Beryllium	0.0073		0.0040	0.0040	mg/L		03/21/24 16:20	03/23/24 01:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:20	03/23/24 01:28	1
Chromium	0.15		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Cobalt	0.040		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Copper	0.14		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Iron	140		0.40	0.20	mg/L		03/21/24 16:20	03/25/24 18:17	1
Lead	0.071		0.0075	0.0075	mg/L		03/21/24 16:20	03/25/24 18:17	1
Manganese	0.90		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Nickel	0.17		0.025	0.010	mg/L		03/21/24 16:20	03/23/24 01:28	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:20	03/23/24 01:28	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:20	03/25/24 18:17	1
Zinc	0.33	J	0.50	0.020	mg/L		03/21/24 16:20	03/23/24 01:28	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 11:53	1

Method: SW846 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		03/27/24 12:10	03/28/24 10:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.0099	mg/Kg	☼	03/22/24 16:20	03/25/24 10:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			03/19/24 15:44	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-16(0-4)-031224

Lab Sample ID: 500-247357-8

Date Collected: 03/12/24 12:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Carbon disulfide	<0.0037		0.0037	0.00078	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0017	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	03/12/24 18:23	03/14/24 15:48	1
Dibromofluoromethane (Surr)	114		75 - 126	03/12/24 18:23	03/14/24 15:48	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	03/12/24 18:23	03/14/24 15:48	1
Toluene-d8 (Surr)	89		75 - 124	03/12/24 18:23	03/14/24 15:48	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-16(0-4)-031224

Lab Sample ID: 500-247357-8

Date Collected: 03/12/24 12:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 87.4

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,4-Dimethylphenol	<0.37		0.37	0.082	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.030	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Chloro-3-methylphenol	<0.37		0.37	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Chloroaniline	<0.74		0.74	0.39	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0080	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Hexachlorobenzene	<0.074		0.074	0.0071	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 15:34	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-16(0-4)-031224

Lab Sample ID: 500-247357-8

Date Collected: 03/12/24 12:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 87.4

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0073	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☆	03/21/24 10:43	03/22/24 15:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		31 - 143	03/21/24 10:43	03/22/24 15:34	1
2-Fluorobiphenyl (Surr)	73		43 - 145	03/21/24 10:43	03/22/24 15:34	1
2-Fluorophenol (Surr)	72		31 - 166	03/21/24 10:43	03/22/24 15:34	1
Nitrobenzene-d5 (Surr)	75		37 - 147	03/21/24 10:43	03/22/24 15:34	1
Phenol-d5 (Surr)	76		30 - 153	03/21/24 10:43	03/22/24 15:34	1
Terphenyl-d14 (Surr)	68		42 - 157	03/21/24 10:43	03/22/24 15:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		53	22	mg/Kg	☆	03/18/24 09:30	03/26/24 15:12	5
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Arsenic	6.4		0.53	0.18	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Barium	68		0.53	0.061	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Beryllium	0.88	J	1.1	0.25	mg/Kg	☆	03/18/24 09:30	03/27/24 13:03	5
Cadmium	0.24	B	0.11	0.019	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Calcium	57000		53	9.0	mg/Kg	☆	03/18/24 09:30	03/26/24 15:12	5
Chromium	20		0.53	0.26	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Cobalt	12		0.27	0.070	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Copper	24		2.7	0.74	mg/Kg	☆	03/18/24 09:30	03/25/24 16:57	5
Iron	20000		11	5.5	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Lead	12		0.27	0.12	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Magnesium	19000		5.3	2.6	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Manganese	390		0.53	0.077	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Nickel	31		0.53	0.15	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Potassium	2000		27	9.4	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Silver	<1.3		1.3	0.34	mg/Kg	☆	03/18/24 09:30	03/26/24 15:12	5
Sodium	290	B	53	7.9	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Thallium	<0.53		0.53	0.27	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Vanadium	25		0.27	0.063	mg/Kg	☆	03/18/24 09:30	03/22/24 22:19	1
Zinc	60		5.3	2.3	mg/Kg	☆	03/18/24 09:30	03/25/24 16:57	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:18	1
Barium	0.81		0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:18	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 13:40	1
Cadmium	0.0025	J	0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:18	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-16(0-4)-031224

Lab Sample ID: 500-247357-8

Date Collected: 03/12/24 12:05

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 87.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:18	1
Cobalt	0.017	J	0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:18	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:18	1
Iron	1.2		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 13:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:18	1
Manganese	4.3		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:40	1
Nickel	0.10		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:18	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:18	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:40	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:18	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:22	03/25/24 15:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:15	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Iron	0.50		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 15:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 15:47	1
Manganese	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:15	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:15	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 15:47	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:15	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 13:05	1

Method: SW846 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		03/28/24 11:25	03/29/24 09:46	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.018	0.0095	mg/Kg	☼	03/22/24 16:20	03/25/24 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/19/24 16:04	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-17(0-4)-031224

Lab Sample ID: 500-247357-9

Date Collected: 03/12/24 12:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0062	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Carbon disulfide	<0.0036		0.0036	0.00074	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Ethylbenzene	<0.0014		0.0014	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Trichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Vinyl chloride	<0.0014		0.0014	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		75 - 131	03/12/24 18:23	03/14/24 16:12	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/14/24 16:12	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	03/12/24 18:23	03/14/24 16:12	1
Toluene-d8 (Surr)	89		75 - 124	03/12/24 18:23	03/14/24 16:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-17(0-4)-031224

Lab Sample ID: 500-247357-9

Date Collected: 03/12/24 12:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.9

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Methylnaphthalene	<0.074		0.074	0.0073	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Benzo[a]anthracene	<0.036		0.036	0.0077	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0079	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 15:58	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-17(0-4)-031224

Lab Sample ID: 500-247357-9

Date Collected: 03/12/24 12:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0072	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Pentachlorophenol	<0.74		0.74	0.091	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Phenanthrene	<0.036		0.036	0.0079	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1
Pyrene	<0.036		0.036	0.010	mg/Kg	☆	03/21/24 10:43	03/22/24 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	03/21/24 10:43	03/22/24 15:58	1
2-Fluorobiphenyl (Surr)	56		43 - 145	03/21/24 10:43	03/22/24 15:58	1
2-Fluorophenol (Surr)	53		31 - 166	03/21/24 10:43	03/22/24 15:58	1
Nitrobenzene-d5 (Surr)	54		37 - 147	03/21/24 10:43	03/22/24 15:58	1
Phenol-d5 (Surr)	57		30 - 153	03/21/24 10:43	03/22/24 15:58	1
Terphenyl-d14 (Surr)	66		42 - 157	03/21/24 10:43	03/22/24 15:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7200		53	22	mg/Kg	☆	03/18/24 09:30	03/26/24 15:26	5
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Arsenic	8.0		0.53	0.18	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Barium	26	B	2.7	0.30	mg/Kg	☆	03/18/24 09:30	03/25/24 17:01	5
Beryllium	0.52	J	1.1	0.25	mg/Kg	☆	03/18/24 09:30	03/27/24 13:06	5
Cadmium	0.29	B	0.11	0.019	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Calcium	87000		53	9.0	mg/Kg	☆	03/18/24 09:30	03/26/24 15:26	5
Chromium	10		0.53	0.26	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Cobalt	9.8		0.27	0.070	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Copper	20		2.7	0.75	mg/Kg	☆	03/18/24 09:30	03/25/24 17:01	5
Iron	19000		53	28	mg/Kg	☆	03/18/24 09:30	03/27/24 13:06	5
Lead	11		0.27	0.12	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Magnesium	54000		27	13	mg/Kg	☆	03/18/24 09:30	03/27/24 13:06	5
Manganese	350		0.53	0.077	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Nickel	22		0.53	0.15	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Potassium	1600		27	9.4	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Selenium	0.37	J	0.53	0.31	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Silver	<1.3		1.3	0.34	mg/Kg	☆	03/18/24 09:30	03/26/24 15:26	5
Sodium	180	B	53	7.9	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Thallium	<0.53		0.53	0.27	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Vanadium	14		0.27	0.063	mg/Kg	☆	03/18/24 09:30	03/22/24 22:23	1
Zinc	50		5.3	2.3	mg/Kg	☆	03/18/24 09:30	03/25/24 17:01	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 01:25	1
Barium	0.18	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 01:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 01:25	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-17(0-4)-031224

Lab Sample ID: 500-247357-9

Date Collected: 03/12/24 12:20

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 88.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:25	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:25	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:25	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 01:25	1
Manganese	0.91		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 19:40	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:25	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 01:25	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:11	1
Zinc	0.038	J	0.50	0.020	mg/L		03/22/24 08:04	03/26/24 01:25	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.042	J	0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Barium	0.44	J	0.50	0.050	mg/L		03/21/24 16:22	03/25/24 15:51	1
Beryllium	0.0048		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:19	1
Chromium	0.10		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Cobalt	0.027		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Copper	0.10		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Iron	120		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 15:51	1
Lead	0.080		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 15:51	1
Manganese	0.45		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Nickel	0.11		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:19	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:19	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 15:51	1
Zinc	0.25	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:19	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 10:43	1

Method: SW846 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		03/28/24 11:25	03/29/24 09:48	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.016	0.0086	mg/Kg	☼	03/22/24 16:20	03/25/24 10:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/19/24 16:06	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(0-5)-031224

Lab Sample ID: 500-247357-10

Date Collected: 03/12/24 12:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 91.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0057	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Benzene	<0.0013		0.0013	0.00033	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Bromodichloromethane	<0.0013		0.0013	0.00027	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Bromoform	<0.0013		0.0013	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Bromomethane	<0.0033		0.0033	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Carbon disulfide	<0.0033		0.0033	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Carbon tetrachloride	<0.0013		0.0013	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Chlorobenzene	<0.0013		0.0013	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Chloroethane	<0.0033		0.0033	0.00097	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Chloroform	<0.0013		0.0013	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Chloromethane	<0.0033		0.0033	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Dibromochloromethane	<0.0013		0.0013	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,1-Dichloroethane	<0.0013		0.0013	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,2-Dichloroethane	<0.0033		0.0033	0.0010	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,1-Dichloroethene	<0.0013		0.0013	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,3-Dichloropropene, Total	<0.0013		0.0013	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Ethylbenzene	<0.0013		0.0013	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
2-Hexanone	<0.0033		0.0033	0.0010	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Methylene Chloride	<0.0033		0.0033	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Methyl Ethyl Ketone	<0.0033		0.0033	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
methyl isobutyl ketone	<0.0033		0.0033	0.00097	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Styrene	<0.0013		0.0013	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Tetrachloroethene	<0.0013		0.0013	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Toluene	<0.0013		0.0013	0.00033	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Trichloroethene	<0.0013		0.0013	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Vinyl chloride	<0.0013		0.0013	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1
Xylenes, Total	<0.0026		0.0026	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 16:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		75 - 131	03/12/24 18:23	03/14/24 16:35	1
Dibromofluoromethane (Surr)	115		75 - 126	03/12/24 18:23	03/14/24 16:35	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	03/12/24 18:23	03/14/24 16:35	1
Toluene-d8 (Surr)	88		75 - 124	03/12/24 18:23	03/14/24 16:35	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(0-5)-031224

Lab Sample ID: 500-247357-10

Date Collected: 03/12/24 12:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 91.3

Method: SW846 8270E - 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	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,4-Dimethylphenol	<0.36		0.36	0.080	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Methylnaphthalene	<0.072		0.072	0.0072	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Chloroaniline	<0.72		0.72	0.38	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Nitroaniline	<0.36		0.36	0.026	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
4-Nitrophenol	<0.72		0.72	0.13	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Anthracene	<0.036		0.036	0.0073	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Benzo[a]anthracene	<0.036		0.036	0.0076	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Benzo[b]fluoranthene	<0.036		0.036	0.034	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0078	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Chrysene	<0.036		0.036	0.0094	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Fluoranthene	<0.036		0.036	0.0083	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Hexachlorobenzene	<0.072		0.072	0.0069	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	03/21/24 10:43	03/22/24 16:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(0-5)-031224

Lab Sample ID: 500-247357-10

Date Collected: 03/12/24 12:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 91.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.0071	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Pentachlorophenol	<0.72		0.72	0.090	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Phenanthrene	<0.036		0.036	0.0078	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Pyrene	<0.036		0.036	0.0098	mg/Kg	☆	03/21/24 10:43	03/22/24 16:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143				03/21/24 10:43	03/22/24 16:21	1
2-Fluorobiphenyl (Surr)	63		43 - 145				03/21/24 10:43	03/22/24 16:21	1
2-Fluorophenol (Surr)	63		31 - 166				03/21/24 10:43	03/22/24 16:21	1
Nitrobenzene-d5 (Surr)	64		37 - 147				03/21/24 10:43	03/22/24 16:21	1
Phenol-d5 (Surr)	67		30 - 153				03/21/24 10:43	03/22/24 16:21	1
Terphenyl-d14 (Surr)	67		42 - 157				03/21/24 10:43	03/22/24 16:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		53	21	mg/Kg	☆	03/18/24 09:30	03/26/24 15:30	5
Antimony	<1.1		1.1	0.20	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Arsenic	6.7		0.53	0.18	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Barium	41		0.53	0.060	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Beryllium	0.69	J	1.1	0.25	mg/Kg	☆	03/18/24 09:30	03/27/24 13:10	5
Cadmium	0.25	B	0.11	0.019	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Calcium	63000		53	8.9	mg/Kg	☆	03/18/24 09:30	03/26/24 15:30	5
Chromium	16		0.53	0.26	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Cobalt	11		0.26	0.069	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Copper	20		2.6	0.74	mg/Kg	☆	03/18/24 09:30	03/25/24 17:05	5
Iron	18000		11	5.5	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Lead	11		0.26	0.12	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Magnesium	21000		5.3	2.6	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Manganese	350		0.53	0.076	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Nickel	26		0.53	0.15	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Potassium	1900		26	9.3	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Silver	<1.3		1.3	0.34	mg/Kg	☆	03/18/24 09:30	03/26/24 15:30	5
Sodium	610	B	53	7.8	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Thallium	<0.53		0.53	0.26	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Vanadium	20		0.26	0.062	mg/Kg	☆	03/18/24 09:30	03/22/24 22:26	1
Zinc	58		5.3	2.3	mg/Kg	☆	03/18/24 09:30	03/25/24 17:05	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 01:39	1
Barium	0.30	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 01:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(0-5)-031224

Lab Sample ID: 500-247357-10

Date Collected: 03/12/24 12:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 91.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:39	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:14	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:39	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:14	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:14	1
Manganese	1.1		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 19:44	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:39	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 01:39	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:14	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 01:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.077		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Barium	0.62		0.50	0.050	mg/L		03/21/24 16:22	03/25/24 15:55	1
Beryllium	0.010		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:23	1
Chromium	0.17		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Cobalt	0.055		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Copper	0.19		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Iron	190		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 15:55	1
Lead	0.12		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 15:55	1
Manganese	0.91		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Nickel	0.20		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:23	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:23	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 15:55	1
Zinc	0.48	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:23	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 10:45	1

Method: SW846 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		03/28/24 11:25	03/29/24 09:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.016	0.0085	mg/Kg	☼	03/22/24 16:20	03/25/24 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/19/24 16:11	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(5-8)-031224

Lab Sample ID: 500-247357-11

Date Collected: 03/12/24 12:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 78.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Carbon disulfide	<0.0038		0.0038	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	03/12/24 18:23	03/14/24 16:59	1
Dibromofluoromethane (Surr)	113		75 - 126	03/12/24 18:23	03/14/24 16:59	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	03/12/24 18:23	03/14/24 16:59	1
Toluene-d8 (Surr)	90		75 - 124	03/12/24 18:23	03/14/24 16:59	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☆	03/20/24 19:50	03/21/24 19:57	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 19:57	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	03/20/24 19:50	03/21/24 19:57	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☆	03/20/24 19:50	03/21/24 19:57	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☆	03/20/24 19:50	03/21/24 19:57	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(5-8)-031224

Lab Sample ID: 500-247357-11

Date Collected: 03/12/24 12:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 78.7

Method: SW846 8270E - 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	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,4,6-Trichlorophenol	<0.42		0.42	0.014	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,4-Dichlorophenol	<0.42		0.42	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,4-Dimethylphenol	<0.42	*+	0.42	0.094	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,4-Dinitrophenol	<0.85		0.85	0.24	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2,6-Dinitrotoluene	<0.21		0.21	0.014	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Chloronaphthalene	<0.21		0.21	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Methylnaphthalene	<0.085		0.085	0.0084	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
2-Nitrophenol	<0.42		0.42	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
3 & 4 Methylphenol	<0.21		0.21	0.031	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.034	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
3-Nitroaniline	<0.42		0.42	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.24	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.029	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Chloro-3-methylphenol	<0.42		0.42	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Chloroaniline	<0.85		0.85	0.44	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Nitroaniline	<0.42		0.42	0.031	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
4-Nitrophenol	<0.85		0.85	0.16	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Acenaphthene	<0.042		0.042	0.0085	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Acenaphthylene	<0.042		0.042	0.0071	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Anthracene	<0.042		0.042	0.0086	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Benzo[a]anthracene	0.022	J	0.042	0.0089	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Benzo[a]pyrene	<0.042		0.042	0.040	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Benzo[b]fluoranthene	0.050		0.042	0.040	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Benzo[g,h,i]perylene	0.035	J	0.042	0.0091	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Benzo[k]fluoranthene	<0.042		0.042	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Carbazole	<0.21		0.21	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Chrysene	0.026	J	0.042	0.011	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Dibenz(a,h)anthracene	<0.042		0.042	0.042	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Dimethyl phthalate	<0.21		0.21	0.0091	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Di-n-octyl phthalate	<0.42		0.42	0.29	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Fluoranthene	0.031	J	0.042	0.0097	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Fluorene	<0.042		0.042	0.012	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Hexachlorobenzene	<0.085		0.085	0.0080	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Hexachlorobutadiene	<0.21		0.21	0.024	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Hexachlorocyclopentadiene	<0.85	*+	0.85	0.44	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	03/20/24 19:50	03/21/24 19:57	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(5-8)-031224

Lab Sample ID: 500-247357-11

Date Collected: 03/12/24 12:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 78.7

Method: SW846 8270E - 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	0.041	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Isophorone	<0.21		0.21	0.022	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Naphthalene	<0.042		0.042	0.0076	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Nitrobenzene	<0.042		0.042	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
N-Nitrosodi-n-propylamine	<0.085	*+	0.085	0.0083	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
N-Nitrosodiphenylamine	<0.21		0.21	0.025	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Pentachlorophenol	<0.85		0.85	0.10	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Phenanthrene	0.014	J	0.042	0.0091	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Phenol	<0.21		0.21	0.018	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1
Pyrene	0.028	J	0.042	0.011	mg/Kg	✳	03/20/24 19:50	03/21/24 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143	03/20/24 19:50	03/21/24 19:57	1
2-Fluorobiphenyl (Surr)	69		43 - 145	03/20/24 19:50	03/21/24 19:57	1
2-Fluorophenol (Surr)	63		31 - 166	03/20/24 19:50	03/21/24 19:57	1
Nitrobenzene-d5 (Surr)	65		37 - 147	03/20/24 19:50	03/21/24 19:57	1
Phenol-d5 (Surr)	71		30 - 153	03/20/24 19:50	03/21/24 19:57	1
Terphenyl-d14 (Surr)	87		42 - 157	03/20/24 19:50	03/21/24 19:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		60	24	mg/Kg	✳	03/18/24 09:30	03/26/24 15:34	5
Antimony	<1.2		1.2	0.23	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Arsenic	7.8		0.60	0.20	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Barium	70		0.60	0.068	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Beryllium	0.83	J	1.2	0.28	mg/Kg	✳	03/18/24 09:30	03/27/24 13:13	5
Cadmium	0.32	B	0.12	0.021	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Calcium	62000		60	10	mg/Kg	✳	03/18/24 09:30	03/26/24 15:34	5
Chromium	19		0.60	0.29	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Cobalt	13		0.30	0.078	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Copper	24		3.0	0.83	mg/Kg	✳	03/18/24 09:30	03/25/24 17:17	5
Iron	20000		12	6.2	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Lead	20		0.30	0.14	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Magnesium	21000		6.0	3.0	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Manganese	440		0.60	0.086	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Nickel	29		0.60	0.17	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Potassium	2500		30	11	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Selenium	<0.60		0.60	0.35	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Silver	<1.5		1.5	0.38	mg/Kg	✳	03/18/24 09:30	03/26/24 15:34	5
Sodium	630	B	60	8.8	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Thallium	<0.60		0.60	0.30	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Vanadium	25		0.30	0.070	mg/Kg	✳	03/18/24 09:30	03/22/24 22:38	1
Zinc	74		6.0	2.6	mg/Kg	✳	03/18/24 09:30	03/25/24 17:17	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:30	03/22/24 18:22	1
Barium	0.45	J	0.50	0.050	mg/L		03/21/24 16:30	03/22/24 18:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:30	03/25/24 13:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:30	03/22/24 18:22	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-18(5-8)-031224

Lab Sample ID: 500-247357-11

Date Collected: 03/12/24 12:35

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 78.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:22	1
Cobalt	0.030		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:22	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:22	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 16:30	03/25/24 13:52	1
Lead	0.0095		0.0075	0.0075	mg/L		03/21/24 16:30	03/22/24 18:22	1
Manganese	5.0		0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:52	1
Nickel	0.026		0.025	0.010	mg/L		03/21/24 16:30	03/22/24 18:22	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:30	03/22/24 18:22	1
Silver	0.016	J	0.025	0.010	mg/L		03/21/24 16:30	03/25/24 13:52	1
Zinc	0.040	J	0.50	0.020	mg/L		03/21/24 16:30	03/22/24 18:22	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.037	J	0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Barium	0.45	J	0.50	0.050	mg/L		03/21/24 16:22	03/25/24 15:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:27	1
Chromium	0.12		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Cobalt	0.039		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Copper	0.10		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Iron	110		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 15:59	1
Lead	0.11		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 15:59	1
Manganese	0.65		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Nickel	0.12		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:27	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 15:59	1
Zinc	0.34	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:27	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/27/24 12:10	03/28/24 13:07	1

Method: SW846 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		03/28/24 11:25	03/29/24 09:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.020	0.011	mg/Kg	☼	03/22/24 16:20	03/25/24 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			03/19/24 16:13	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-35(0-2)-031224

Lab Sample ID: 500-247357-15

Date Collected: 03/12/24 15:15

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 79.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0088	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Benzene	<0.0020		0.0020	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Bromoform	<0.0020		0.0020	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Bromomethane	<0.0051		0.0051	0.0019	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Carbon disulfide	<0.0051		0.0051	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Carbon tetrachloride	<0.0020		0.0020	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Chlorobenzene	<0.0020		0.0020	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Chloroethane	<0.0051		0.0051	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Chloroform	<0.0020		0.0020	0.00070	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Chloromethane	<0.0051		0.0051	0.0020	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Dibromochloromethane	<0.0020		0.0020	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,1-Dichloroethane	<0.0020		0.0020	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,2-Dichloroethane	<0.0051		0.0051	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,1-Dichloroethene	<0.0020		0.0020	0.00070	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00071	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Ethylbenzene	<0.0020		0.0020	0.00097	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
2-Hexanone	<0.0051		0.0051	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Methylene Chloride	<0.0051		0.0051	0.0020	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0023	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
methyl isobutyl ketone	<0.0051		0.0051	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Styrene	<0.0020		0.0020	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Tetrachloroethene	<0.0020		0.0020	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Toluene	<0.0020		0.0020	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00090	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00071	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00087	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Trichloroethene	<0.0020		0.0020	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Vinyl chloride	<0.0020		0.0020	0.00090	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1
Xylenes, Total	<0.0041		0.0041	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	03/12/24 18:23	03/14/24 18:34	1
Dibromofluoromethane (Surr)	101		75 - 126	03/12/24 18:23	03/14/24 18:34	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 134	03/12/24 18:23	03/14/24 18:34	1
Toluene-d8 (Surr)	87		75 - 124	03/12/24 18:23	03/14/24 18:34	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.40		0.40	0.057	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
1,2-Dichlorobenzene	<0.40		0.40	0.033	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
1,3-Dichlorobenzene	<0.40		0.40	0.036	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
1,4-Dichlorobenzene	<0.40		0.40	0.038	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
2,2'-oxybis[1-chloropropane]	<0.40		0.40	0.058	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-35(0-2)-031224

Lab Sample ID: 500-247357-15

Date Collected: 03/12/24 15:15

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.80		0.80	0.030	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,4,6-Trichlorophenol	<0.80		0.80	0.027	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,4-Dichlorophenol	<0.80		0.80	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,4-Dimethylphenol	<0.80	*+	0.80	0.18	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,4-Dinitrophenol	<1.6		1.6	0.46	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,4-Dinitrotoluene	<0.40		0.40	0.046	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2,6-Dinitrotoluene	<0.40		0.40	0.027	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Chloronaphthalene	<0.40		0.40	0.030	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Chlorophenol	<0.40		0.40	0.026	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Methylnaphthalene	<0.16		0.16	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Methylphenol	<0.40		0.40	0.042	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Nitroaniline	<0.40		0.40	0.043	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
2-Nitrophenol	<0.80		0.80	0.054	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
3 & 4 Methylphenol	<0.40		0.40	0.059	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
3,3'-Dichlorobenzidine	<0.40		0.40	0.065	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
3-Nitroaniline	<0.80		0.80	0.036	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4,6-Dinitro-2-methylphenol	<1.6		1.6	0.45	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Bromophenyl phenyl ether	<0.40		0.40	0.055	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Chloro-3-methylphenol	<0.80		0.80	0.031	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Chloroaniline	<1.6		1.6	0.84	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Chlorophenyl phenyl ether	<0.40		0.40	0.11	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Nitroaniline	<0.80		0.80	0.059	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
4-Nitrophenol	<1.6		1.6	0.30	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Acenaphthene	<0.080		0.080	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Acenaphthylene	0.016	J	0.080	0.014	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Anthracene	0.039	J	0.080	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Benzo[a]anthracene	0.27		0.080	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Benzo[a]pyrene	0.36		0.080	0.077	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Benzo[b]fluoranthene	0.46		0.080	0.076	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Benzo[g,h,i]perylene	0.30		0.080	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Benzo[k]fluoranthene	0.23		0.080	0.030	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Bis(2-chloroethoxy)methane	<0.40		0.40	0.030	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Bis(2-chloroethyl)ether	<0.40		0.40	0.037	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Bis(2-ethylhexyl) phthalate	<0.40		0.40	0.31	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Butyl benzyl phthalate	<0.40		0.40	0.040	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Carbazole	0.039	J	0.40	0.032	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Chrysene	0.36		0.080	0.021	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Dibenz(a,h)anthracene	<0.080		0.080	0.080	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Dibenzofuran	<0.40		0.40	0.029	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Diethyl phthalate	<0.40		0.40	0.037	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Dimethyl phthalate	<0.40		0.40	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Di-n-butyl phthalate	<0.40		0.40	0.025	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Di-n-octyl phthalate	<0.80		0.80	0.56	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Fluoranthene	0.64		0.080	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Fluorene	<0.080		0.080	0.024	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Hexachlorobenzene	<0.16		0.16	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Hexachlorobutadiene	<0.40		0.40	0.045	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Hexachlorocyclopentadiene	<1.6	*+	1.6	0.85	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2
Hexachloroethane	<0.40		0.40	0.040	mg/Kg	☼	03/20/24 19:50	03/21/24 21:11	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-35(0-2)-031224

Lab Sample ID: 500-247357-15

Date Collected: 03/12/24 15:15

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.21		0.080	0.078	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Isophorone	<0.40		0.40	0.041	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Naphthalene	<0.080		0.080	0.014	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Nitrobenzene	<0.080		0.080	0.025	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
N-Nitrosodi-n-propylamine	<0.16	*+	0.16	0.016	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
N-Nitrosodiphenylamine	<0.40		0.40	0.048	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Pentachlorophenol	<1.6		1.6	0.20	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Phenanthrene	0.22		0.080	0.017	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Phenol	<0.40		0.40	0.035	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Pyrene	0.52		0.080	0.022	mg/Kg	☆	03/20/24 19:50	03/21/24 21:11	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		31 - 143				03/20/24 19:50	03/21/24 21:11	2
2-Fluorobiphenyl (Surr)	69		43 - 145				03/20/24 19:50	03/21/24 21:11	2
2-Fluorophenol (Surr)	69		31 - 166				03/20/24 19:50	03/21/24 21:11	2
Nitrobenzene-d5 (Surr)	72		37 - 147				03/20/24 19:50	03/21/24 21:11	2
Phenol-d5 (Surr)	71		30 - 153				03/20/24 19:50	03/21/24 21:11	2
Terphenyl-d14 (Surr)	72		42 - 157				03/20/24 19:50	03/21/24 21:11	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3400		61	25	mg/Kg	☆	03/18/24 09:30	03/26/24 15:50	5
Antimony	<1.2		1.2	0.24	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Arsenic	3.3		0.61	0.21	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Barium	22		3.0	0.35	mg/Kg	☆	03/18/24 09:30	03/27/24 13:36	5
Beryllium	0.37	J	1.2	0.28	mg/Kg	☆	03/18/24 09:30	03/27/24 13:36	5
Cadmium	0.27	B	0.12	0.022	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Calcium	130000		61	10	mg/Kg	☆	03/18/24 09:30	03/26/24 15:50	5
Chromium	6.5		0.61	0.30	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Cobalt	4.7		0.30	0.080	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Copper	8.3		3.0	0.85	mg/Kg	☆	03/18/24 09:30	03/25/24 17:33	5
Iron	9500		61	32	mg/Kg	☆	03/18/24 09:30	03/27/24 13:36	5
Lead	15		0.30	0.14	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Magnesium	90000		30	15	mg/Kg	☆	03/18/24 09:30	03/27/24 13:36	5
Manganese	450		0.61	0.088	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Nickel	9.3		0.61	0.18	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Potassium	870		30	11	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Selenium	0.48	J	0.61	0.36	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Silver	<1.5		1.5	0.39	mg/Kg	☆	03/18/24 09:30	03/26/24 15:50	5
Sodium	160	B	61	9.0	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Thallium	<0.61		0.61	0.30	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Vanadium	13		0.30	0.072	mg/Kg	☆	03/18/24 09:30	03/22/24 22:52	1
Zinc	28		6.1	2.7	mg/Kg	☆	03/18/24 09:30	03/25/24 17:33	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 01:56	1
Barium	0.25	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 01:56	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-35(0-2)-031224

Lab Sample ID: 500-247357-15

Date Collected: 03/12/24 15:15

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 79.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:56	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:38	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:56	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:38	1
Manganese	0.89		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:01	1
Nickel	0.014	J	0.025	0.010	mg/L		03/22/24 08:04	03/26/24 01:56	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 01:56	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:38	1
Zinc	0.025	J	0.50	0.020	mg/L		03/22/24 08:04	03/26/24 01:56	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:22	03/25/24 16:15	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:43	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Iron	5.3		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:15	1
Manganese	0.030		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:43	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:43	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:15	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:43	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 10:54	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.020	0.010	mg/Kg	☼	03/22/24 16:20	03/25/24 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/19/24 16:22	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-32(0-4)-031224

Lab Sample ID: 500-247357-16

Date Collected: 03/12/24 15:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0070	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00071	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		75 - 131	03/12/24 18:23	03/14/24 18:58	1
Dibromofluoromethane (Surr)	112		75 - 126	03/12/24 18:23	03/14/24 18:58	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	03/12/24 18:23	03/14/24 18:58	1
Toluene-d8 (Surr)	90		75 - 124	03/12/24 18:23	03/14/24 18:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.37		0.37	0.052	mg/Kg	☆	03/20/24 19:50	03/21/24 20:21	2
1,2-Dichlorobenzene	<0.37		0.37	0.030	mg/Kg	☆	03/20/24 19:50	03/21/24 20:21	2
1,3-Dichlorobenzene	<0.37		0.37	0.033	mg/Kg	☆	03/20/24 19:50	03/21/24 20:21	2
1,4-Dichlorobenzene	<0.37		0.37	0.035	mg/Kg	☆	03/20/24 19:50	03/21/24 20:21	2
2,2'-oxybis[1-chloropropane]	<0.37		0.37	0.053	mg/Kg	☆	03/20/24 19:50	03/21/24 20:21	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-32(0-4)-031224

Lab Sample ID: 500-247357-16

Date Collected: 03/12/24 15:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.73		0.73	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,4,6-Trichlorophenol	<0.73		0.73	0.025	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,4-Dichlorophenol	<0.73		0.73	0.026	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,4-Dimethylphenol	<0.73	*+	0.73	0.16	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,4-Dinitrotoluene	<0.37		0.37	0.042	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2,6-Dinitrotoluene	<0.37		0.37	0.025	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Chloronaphthalene	<0.37		0.37	0.027	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Chlorophenol	<0.37		0.37	0.024	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Methylphenol	<0.37		0.37	0.039	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Nitroaniline	<0.37		0.37	0.039	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
2-Nitrophenol	<0.73		0.73	0.050	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
3 & 4 Methylphenol	<0.37		0.37	0.054	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
3,3'-Dichlorobenzidine	<0.37		0.37	0.060	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
3-Nitroaniline	<0.73		0.73	0.033	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Bromophenyl phenyl ether	<0.37		0.37	0.050	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Chloro-3-methylphenol	<0.73		0.73	0.029	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Chloroaniline	<1.5		1.5	0.77	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Chlorophenyl phenyl ether	<0.37		0.37	0.096	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Nitroaniline	<0.73		0.73	0.054	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
4-Nitrophenol	<1.5		1.5	0.27	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Acenaphthene	<0.073		0.073	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Acenaphthylene	<0.073		0.073	0.012	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Anthracene	<0.073		0.073	0.015	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Benzo[a]anthracene	0.080		0.073	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Benzo[a]pyrene	0.090		0.073	0.071	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Benzo[b]fluoranthene	0.13		0.073	0.070	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Benzo[g,h,i]perylene	0.089		0.073	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Benzo[k]fluoranthene	0.065 J		0.073	0.028	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Bis(2-chloroethoxy)methane	<0.37		0.37	0.027	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Bis(2-chloroethyl)ether	<0.37		0.37	0.034	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Bis(2-ethylhexyl) phthalate	<0.37		0.37	0.29	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Butyl benzyl phthalate	<0.37		0.37	0.036	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Carbazole	<0.37		0.37	0.029	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Chrysene	0.10		0.073	0.019	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Dibenz(a,h)anthracene	<0.073		0.073	0.073	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Dibenzofuran	<0.37		0.37	0.026	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Diethyl phthalate	<0.37		0.37	0.034	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Dimethyl phthalate	<0.37		0.37	0.016	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Di-n-butyl phthalate	<0.37		0.37	0.023	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Di-n-octyl phthalate	<0.73		0.73	0.51	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Fluoranthene	0.18		0.073	0.017	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Fluorene	<0.073		0.073	0.022	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Hexachlorobutadiene	<0.37		0.37	0.041	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Hexachlorocyclopentadiene	<1.5	*+	1.5	0.78	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2
Hexachloroethane	<0.37		0.37	0.037	mg/Kg	☼	03/20/24 19:50	03/21/24 20:21	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-32(0-4)-031224

Lab Sample ID: 500-247357-16

Date Collected: 03/12/24 15:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.073		0.073	0.071	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Isophorone	<0.37		0.37	0.038	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Naphthalene	<0.073		0.073	0.013	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Nitrobenzene	<0.073		0.073	0.023	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
N-Nitrosodi-n-propylamine	<0.15	*+	0.15	0.014	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
N-Nitrosodiphenylamine	<0.37		0.37	0.044	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Phenanthrene	0.071	J	0.073	0.016	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Phenol	<0.37		0.37	0.032	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2
Pyrene	0.15		0.073	0.020	mg/Kg	✳	03/20/24 19:50	03/21/24 20:21	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	03/20/24 19:50	03/21/24 20:21	2
2-Fluorobiphenyl (Surr)	65		43 - 145	03/20/24 19:50	03/21/24 20:21	2
2-Fluorophenol (Surr)	60		31 - 166	03/20/24 19:50	03/21/24 20:21	2
Nitrobenzene-d5 (Surr)	62		37 - 147	03/20/24 19:50	03/21/24 20:21	2
Phenol-d5 (Surr)	66		30 - 153	03/20/24 19:50	03/21/24 20:21	2
Terphenyl-d14 (Surr)	77		42 - 157	03/20/24 19:50	03/21/24 20:21	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9100		56	23	mg/Kg	✳	03/18/24 09:30	03/26/24 15:54	5
Antimony	<1.1		1.1	0.22	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Arsenic	5.9		0.56	0.19	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Barium	76		2.8	0.32	mg/Kg	✳	03/18/24 09:30	03/27/24 13:39	5
Beryllium	0.61	J	1.1	0.26	mg/Kg	✳	03/18/24 09:30	03/27/24 13:39	5
Cadmium	0.22	B	0.11	0.020	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Calcium	83000		56	9.5	mg/Kg	✳	03/18/24 09:30	03/26/24 15:54	5
Chromium	10		0.56	0.28	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Cobalt	7.7		0.28	0.073	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Copper	12		2.8	0.78	mg/Kg	✳	03/18/24 09:30	03/25/24 17:37	5
Iron	17000		56	29	mg/Kg	✳	03/18/24 09:30	03/27/24 13:39	5
Lead	12		0.28	0.13	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Magnesium	53000		28	14	mg/Kg	✳	03/18/24 09:30	03/27/24 13:39	5
Manganese	420		0.56	0.081	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Nickel	16		0.56	0.16	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Potassium	930		28	9.9	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Silver	<1.4		1.4	0.36	mg/Kg	✳	03/18/24 09:30	03/26/24 15:54	5
Sodium	110	B	56	8.3	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Vanadium	19		0.28	0.066	mg/Kg	✳	03/18/24 09:30	03/22/24 22:56	1
Zinc	33		5.6	2.5	mg/Kg	✳	03/18/24 09:30	03/25/24 17:37	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:00	1
Barium	0.76	B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:00	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Client Sample ID: ROW-32(0-4)-031224

Lab Sample ID: 500-247357-16

Date Collected: 03/12/24 15:30

Matrix: Solid

Date Received: 03/12/24 17:00

Percent Solids: 86.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:00	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:41	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:00	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:41	1
Manganese	0.017	J	0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:06	1
Nickel	0.015	J	0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:00	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:00	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:41	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:00	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:22	03/23/24 02:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 02:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 02:56	1
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Iron	3.2		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:19	1
Manganese	0.011	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 02:56	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 02:56	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:19	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:22	03/23/24 02:56	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 10:56	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.019	0.0098	mg/Kg	☼	03/22/24 16:20	03/25/24 10:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			03/19/24 16:24	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247357-1

Laboratory: Eurofins Chicago

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



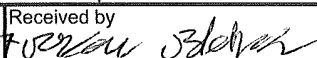

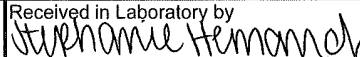
Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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- 8
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- 11
- 12
- 13
- 14
- 15

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Seibers		Site Contact: C. Davis		Date: 3/12/2024		COC No		
Company Name: Weston Solutions		Tel/Email:		Lab Contact: T. Knapp		Carrier:		2 of 3 COCs		
Address: 300 Kingsbridge		Analysis Turnaround Time		Filtered Sample (Y/N) _____ Perform MS / MSD (Y/N) _____ VOCs _____ SVOCs _____ Total Metals _____ TCLP / SPL / Metals _____ pH _____		 500-247357 COC		Sampler		
City/State/Zip: Lincolnshire, IL 60469		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only		
Phone: 312-590-2518		TAT if different from Below _____						Walk-in Client <input type="checkbox"/>		
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling <input type="checkbox"/>		
Project Name: I-55 - I-80								Job / SDG No		
Site: 065 DOT				500-247357-031224 SH						
P O #				500-247357						
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes			
Row-10 (10-15) -031224		03/12/24	1605	G	S	6				
Row-13 (0-5) -031224			1120							
Row-13 (0-5) -031224(D)			1120							
Row-13 (5-10) -031224			1125							
Row-13 (10-15) -031224			1130							
Row-14 (0-5) -031224			1145							
Row-14 (5-10) -031224			1150							
Row-14 (10-15) -031224			1155							
Row-16 (0-4) -031224			1205							
Row-17 (0-4) -031224			1220							
Row-18 (0-5) -031224			1230							
Row-18 (5-8) -031224			1235							
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 (* fee may be assessed if samples are retained longer than 1 month)					
<input 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments:										
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: WESTON		Date/Time: 3/12/24 1607		Received by: 		Company: EETA		Date/Time: 3/12/24 1607
Relinquished by: 		Company: EETA		Date/Time: 3/12/24 1700		Received by:		Company:		Date/Time:
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: 		Company: EETA		Date/Time: 3/12/24 1700

Chain of Custody Record 720455



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Siesers		Site Contact: C. Davids		Date: 3/12/2024		COC No					
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		3 of 3 COCs					
Address: 300 Knightsbridge Park		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		VOCs SVOCs Total Metals TCLP / SPLP Metals PH		Sampler For Lab Use Only Walk-in Client Lab Sampling					
City/State/Zip: Lincolnshire, IL 60067													
Phone: 812-590-2518													
Project Name: I-55 - I-80													
Site: 0651DOT								Job / SDG No 500-247357					
P O #								Sample Specific Notes					
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SVOCs	Total Metals	TCLP / SPLP Metals	PH	Sample Specific Notes
ROW-15(0-5)-031224	3/12/24	1325	G	S	6			X	X	X	X	X	
ROW-15(0-5)-031224D	3/12/24	1325	G	S	6			X	X	X	X	X	
ROW-15(5-10)-031224	3/12/24	1330	G	S	6			X	X	X	X	X	
ROW-35(0-2)-031224	3/12/24	1515	G	S	6			X	X	X	X	X	
ROW-32(0-4)-031224	3/12/24	1530	G	S	6								
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments:													
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Cor'd _____		Therm ID No _____							
Relinquished by:		Company: Weston		Date/Time: 3/12/24 1607		Received by:		Company: EETA		Date/Time: 3/12/24 1607			
Relinquished by:		Company: EETA		Date/Time: 3/12/24 1700		Received by:		Company:		Date/Time:			
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EETA		Date/Time: 3/12/24 1700			

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 3/29/2024 12:37:47 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247302-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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3/29/2024 12:37:47 PM

Authorized for release by
Shawn Hayes, Senior Project Manager
Shawn.Hayes@et.eurofinsus.com
Designee for
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(0-5)-031124

Lab Sample ID: 500-247302-4

Date Collected: 03/11/24 13:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Benzene	<0.0017		0.0017	0.00042	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Bromoform	<0.0017		0.0017	0.00048	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Bromomethane	<0.0041		0.0041	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Carbon disulfide	<0.0041		0.0041	0.00086	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Carbon tetrachloride	<0.0017		0.0017	0.00048	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Chlorobenzene	<0.0017		0.0017	0.00061	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Chloroform	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Chloromethane	<0.0041		0.0041	0.0017	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00050	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Dibromochloromethane	<0.0017		0.0017	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,1-Dichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,1-Dichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Ethylbenzene	<0.0017		0.0017	0.00079	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Methylene Chloride	0.0018	J B	0.0041	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00048	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Styrene	<0.0017		0.0017	0.00050	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Tetrachloroethene	<0.0017		0.0017	0.00056	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00073	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00055	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Trichloroethene	<0.0017		0.0017	0.00056	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Vinyl chloride	<0.0017		0.0017	0.00073	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1
Xylenes, Total	<0.0033		0.0033	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		75 - 131	03/12/24 18:23	03/13/24 17:48	1
Dibromofluoromethane (Surr)	105		75 - 126	03/12/24 18:23	03/13/24 17:48	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	03/12/24 18:23	03/13/24 17:48	1
Toluene-d8 (Surr)	113		75 - 124	03/12/24 18:23	03/13/24 17:48	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1

Euofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(0-5)-031124

Lab Sample ID: 500-247302-4

Date Collected: 03/11/24 13:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0087	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(0-5)-031124

Lab Sample ID: 500-247302-4

Date Collected: 03/11/24 13:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0080	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☆	03/20/24 13:50	03/21/24 12:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143	03/20/24 13:50	03/21/24 12:39	1
2-Fluorobiphenyl (Surr)	55		43 - 145	03/20/24 13:50	03/21/24 12:39	1
2-Fluorophenol (Surr)	56		31 - 166	03/20/24 13:50	03/21/24 12:39	1
Nitrobenzene-d5 (Surr)	54		37 - 147	03/20/24 13:50	03/21/24 12:39	1
Phenol-d5 (Surr)	58		30 - 153	03/20/24 13:50	03/21/24 12:39	1
Terphenyl-d14 (Surr)	75		42 - 157	03/20/24 13:50	03/21/24 12:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		12	4.9	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Arsenic	8.7		0.60	0.20	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Barium	92		0.60	0.068	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Beryllium	0.84		0.24	0.056	mg/Kg	☆	03/15/24 17:45	03/19/24 17:55	1
Cadmium	0.18	B	0.12	0.021	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Calcium	13000	B	12	2.0	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Chromium	20		0.60	0.30	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Cobalt	9.4		0.30	0.078	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Copper	19		0.60	0.17	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Iron	22000		12	6.2	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Lead	17		0.30	0.14	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Magnesium	7400		6.0	3.0	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Manganese	350		0.60	0.086	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Nickel	25		0.60	0.17	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Potassium	1500		30	11	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Selenium	0.45	J	0.60	0.35	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Silver	0.10	J	0.30	0.077	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Sodium	750		60	8.8	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Vanadium	36		0.30	0.070	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1
Zinc	57		1.2	0.52	mg/Kg	☆	03/15/24 17:45	03/18/24 14:58	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Barium	0.72		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:23	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:23	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:23	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(0-5)-031124

Lab Sample ID: 500-247302-4

Date Collected: 03/11/24 13:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:23	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:23	1
Manganese	1.4		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:23	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:23	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:23	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.040	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 04:05	1
Barium	0.63		0.50	0.050	mg/L		03/20/24 16:25	03/22/24 17:51	1
Beryllium	0.0050		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 17:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 04:05	1
Chromium	0.12		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 04:05	1
Cobalt	0.027		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 04:05	1
Copper	0.10		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 04:05	1
Iron	110		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 17:51	1
Lead	0.063		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 17:51	1
Manganese	0.53		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:51	1
Nickel	0.12		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 04:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 04:05	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:51	1
Zinc	0.29	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 04:05	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:39	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.019	0.010	mg/Kg	☼	03/21/24 16:30	03/22/24 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			03/15/24 20:46	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(5-10)-031124

Lab Sample ID: 500-247302-5

Date Collected: 03/11/24 13:40

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 78.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Bromodichloromethane	<0.0015		0.0015	0.00032	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Carbon disulfide	<0.0039		0.0039	0.00080	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Chloroethane	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Chloroform	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Dibromochloromethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Methylene Chloride	0.0016	J B	0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Styrene	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Tetrachloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00069	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☆	03/12/24 18:23	03/13/24 18:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	03/12/24 18:23	03/13/24 18:13	1
Dibromofluoromethane (Surr)	106		75 - 126	03/12/24 18:23	03/13/24 18:13	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/12/24 18:23	03/13/24 18:13	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/13/24 18:13	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(5-10)-031124

Lab Sample ID: 500-247302-5

Date Collected: 03/11/24 13:40

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0087	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(5-10)-031124

Lab Sample ID: 500-247302-5

Date Collected: 03/11/24 13:40

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 78.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0079	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Phenanthrene	<0.040		0.040	0.0087	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☆	03/20/24 13:50	03/21/24 12:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	03/20/24 13:50	03/21/24 12:15	1
2-Fluorobiphenyl (Surr)	80		43 - 145	03/20/24 13:50	03/21/24 12:15	1
2-Fluorophenol (Surr)	73		31 - 166	03/20/24 13:50	03/21/24 12:15	1
Nitrobenzene-d5 (Surr)	78		37 - 147	03/20/24 13:50	03/21/24 12:15	1
Phenol-d5 (Surr)	79		30 - 153	03/20/24 13:50	03/21/24 12:15	1
Terphenyl-d14 (Surr)	84		42 - 157	03/20/24 13:50	03/21/24 12:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		12	4.8	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Arsenic	7.1		0.59	0.20	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Barium	130		0.59	0.067	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Beryllium	0.78		0.24	0.055	mg/Kg	☆	03/15/24 17:45	03/19/24 17:58	1
Cadmium	0.24	B	0.12	0.021	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Calcium	3600	B	12	2.0	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Chromium	16		0.59	0.29	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Cobalt	11		0.29	0.077	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Copper	18		0.59	0.16	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Iron	19000		12	6.1	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Lead	15		0.29	0.14	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Magnesium	3700		5.9	2.9	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Manganese	550		0.59	0.085	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Nickel	33		0.59	0.17	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Potassium	770		29	10	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Sodium	280		59	8.7	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Thallium	<0.59		0.59	0.29	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Vanadium	27		0.29	0.069	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1
Zinc	65		1.2	0.52	mg/Kg	☆	03/15/24 17:45	03/18/24 15:09	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Barium	0.71		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:27	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-2(5-10)-031124

Lab Sample ID: 500-247302-5

Date Collected: 03/11/24 13:40

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 78.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Iron	0.47		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:27	1
Manganese	0.76		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:27	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:27	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:27	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:03	1
Barium	0.12	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:03	1
Chromium	0.029		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:03	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:03	1
Copper	0.011	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:03	1
Iron	16		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:03	1
Lead	0.014		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:21	1
Manganese	0.053		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:21	1
Nickel	0.013	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:03	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:03	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:21	1
Zinc	0.050	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:03	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:41	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.020	0.011	mg/Kg	☼	03/21/24 16:30	03/22/24 08:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			03/15/24 20:49	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-3(0-4)-031124

Lab Sample ID: 500-247302-6

Date Collected: 03/11/24 14:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 80.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018		0.017	0.0074	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Bromomethane	<0.0043		0.0043	0.0016	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Carbon disulfide	<0.0043		0.0043	0.00089	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Chloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Chloromethane	<0.0043		0.0043	0.0017	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Dibromochloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,2-Dichloroethane	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,1-Dichloroethene	<0.0017		0.0017	0.00059	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
2-Hexanone	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Methylene Chloride	0.0017	J B	0.0043	0.0017	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Methyl Ethyl Ketone	0.0047		0.0043	0.0019	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
methyl isobutyl ketone	<0.0043		0.0043	0.0013	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Trichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☼	03/12/24 18:23	03/13/24 18:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/12/24 18:23	03/13/24 18:37	1
Dibromofluoromethane (Surr)	106		75 - 126	03/12/24 18:23	03/13/24 18:37	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	03/12/24 18:23	03/13/24 18:37	1
Toluene-d8 (Surr)	111		75 - 124	03/12/24 18:23	03/13/24 18:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	03/20/24 13:50	03/21/24 15:49	1
1,2-Dichlorobenzene	<0.20		0.20	0.017	mg/Kg	☼	03/20/24 13:50	03/21/24 15:49	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/20/24 13:50	03/21/24 15:49	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	03/20/24 13:50	03/21/24 15:49	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	03/20/24 13:50	03/21/24 15:49	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-3(0-4)-031124

Lab Sample ID: 500-247302-6

Date Collected: 03/11/24 14:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 80.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,4-Dimethylphenol	<0.40		0.40	0.091	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Methylnaphthalene	<0.082		0.082	0.0082	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
2-Nitrophenol	<0.40		0.40	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
4-Nitrophenol	<0.82		0.82	0.15	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Acenaphthene	<0.040		0.040	0.0083	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Acenaphthylene	<0.040		0.040	0.0069	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Anthracene	<0.040		0.040	0.0083	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Benzo[a]anthracene	<0.040		0.040	0.0086	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Benzo[b]fluoranthene	<0.040		0.040	0.039	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0088	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Fluoranthene	0.018	J	0.040	0.0094	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 15:49	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-3(0-4)-031124

Lab Sample ID: 500-247302-6

Date Collected: 03/11/24 14:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 80.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.040	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.0080	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Pentachlorophenol	<0.82		0.82	0.10	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Phenol	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1
Pyrene	0.011	J	0.040	0.011	mg/Kg	✳	03/20/24 13:50	03/21/24 15:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143	03/20/24 13:50	03/21/24 15:49	1
2-Fluorobiphenyl (Surr)	69		43 - 145	03/20/24 13:50	03/21/24 15:49	1
2-Fluorophenol (Surr)	66		31 - 166	03/20/24 13:50	03/21/24 15:49	1
Nitrobenzene-d5 (Surr)	64		37 - 147	03/20/24 13:50	03/21/24 15:49	1
Phenol-d5 (Surr)	69		30 - 153	03/20/24 13:50	03/21/24 15:49	1
Terphenyl-d14 (Surr)	74		42 - 157	03/20/24 13:50	03/21/24 15:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		12	4.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Antimony	<1.2		1.2	0.23	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Arsenic	6.3		0.59	0.20	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Barium	140		0.59	0.067	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Beryllium	0.80		0.23	0.055	mg/Kg	✳	03/15/24 17:45	03/19/24 18:02	1
Cadmium	0.29	B	0.12	0.021	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Calcium	7600	B	12	2.0	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Chromium	19		0.59	0.29	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Cobalt	13		0.29	0.077	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Copper	18		0.59	0.16	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Iron	19000		12	6.1	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Lead	18		0.29	0.14	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Magnesium	5800		5.9	2.9	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Manganese	280		0.59	0.085	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Nickel	26		0.59	0.17	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Potassium	1500		29	10	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Selenium	0.40	J	0.59	0.34	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Silver	<0.29		0.29	0.075	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Sodium	370		59	8.7	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Thallium	<0.59		0.59	0.29	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Vanadium	32		0.29	0.069	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1
Zinc	65		1.2	0.51	mg/Kg	✳	03/15/24 17:45	03/18/24 15:13	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Barium	0.77		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:32	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:32	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-3(0-4)-031124

Lab Sample ID: 500-247302-6

Date Collected: 03/11/24 14:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 80.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Cobalt	0.066		0.025	0.010	mg/L		03/21/24 08:35	03/25/24 22:02	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Iron	0.33	J	0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:32	1
Lead	0.0084		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:32	1
Manganese	13		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Nickel	0.049		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:32	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:32	1
Zinc	0.022	J**^^	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:32	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.021	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:48	1
Barium	0.55		0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 19:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:48	1
Chromium	0.090		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:48	1
Cobalt	0.024	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:48	1
Copper	0.061		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:48	1
Iron	71		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:48	1
Lead	0.072		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 19:07	1
Manganese	1.1		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:07	1
Nickel	0.069		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:48	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:48	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:07	1
Zinc	0.22	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:48	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:43	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.020	0.010	mg/Kg	☼	03/21/24 16:30	03/22/24 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.2		0.2	0.2	SU			03/15/24 20:51	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(0-5)-031124

Lab Sample ID: 500-247302-7

Date Collected: 03/11/24 14:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Carbon disulfide	<0.0040		0.0040	0.00083	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Chlorobenzene	<0.0016		0.0016	0.00059	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,1-Dichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Trichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☆	03/12/24 18:23	03/13/24 19:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	03/12/24 18:23	03/13/24 19:02	1
Dibromofluoromethane (Surr)	104		75 - 126	03/12/24 18:23	03/13/24 19:02	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	03/12/24 18:23	03/13/24 19:02	1
Toluene-d8 (Surr)	113		75 - 124	03/12/24 18:23	03/13/24 19:02	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 13:50	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 13:50	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 13:50	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/20/24 13:50	03/21/24 13:50	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 13:50	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(0-5)-031124

Lab Sample ID: 500-247302-7

Date Collected: 03/11/24 14:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.4

Method: SW846 8270E - 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	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Methylnaphthalene	<0.080		0.080	0.0079	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Chloroaniline	<0.80		0.80	0.41	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
4-Nitrophenol	<0.80		0.80	0.15	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Anthracene	<0.039		0.039	0.0081	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Benzo[a]anthracene	<0.039		0.039	0.0084	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Benzo[b]fluoranthene	<0.039		0.039	0.038	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0086	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Carbazole	<0.20		0.20	0.016	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Fluoranthene	0.010	J	0.039	0.0092	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(0-5)-031124

Lab Sample ID: 500-247302-7

Date Collected: 03/11/24 14:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.4

Method: SW846 8270E - 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	0.038	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Nitrobenzene	<0.039		0.039	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.0078	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Pentachlorophenol	<0.80		0.80	0.099	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✳	03/20/24 13:50	03/21/24 13:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143				03/20/24 13:50	03/21/24 13:50	1
2-Fluorobiphenyl (Surr)	67		43 - 145				03/20/24 13:50	03/21/24 13:50	1
2-Fluorophenol (Surr)	60		31 - 166				03/20/24 13:50	03/21/24 13:50	1
Nitrobenzene-d5 (Surr)	64		37 - 147				03/20/24 13:50	03/21/24 13:50	1
Phenol-d5 (Surr)	66		30 - 153				03/20/24 13:50	03/21/24 13:50	1
Terphenyl-d14 (Surr)	81		42 - 157				03/20/24 13:50	03/21/24 13:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.7	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Antimony	<1.1		1.1	0.22	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Arsenic	13		0.57	0.20	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Barium	83		0.57	0.065	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Beryllium	0.86	J	1.1	0.27	mg/Kg	✳	03/15/24 17:45	03/19/24 18:05	5
Cadmium	0.31	B	0.11	0.021	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Calcium	61000	B	57	9.7	mg/Kg	✳	03/15/24 17:45	03/19/24 18:05	5
Chromium	14		0.57	0.28	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Cobalt	11		0.29	0.075	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Copper	20		0.57	0.16	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Iron	21000		11	6.0	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Lead	20		0.29	0.13	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Magnesium	23000		5.7	2.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Manganese	540		0.57	0.083	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Nickel	23		0.57	0.17	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Potassium	1800		29	10	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Selenium	0.52	J	0.57	0.34	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Silver	0.42	J	1.4	0.37	mg/Kg	✳	03/15/24 17:45	03/19/24 18:05	5
Sodium	270		57	8.5	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Thallium	<0.57		0.57	0.29	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Vanadium	25		0.29	0.068	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1
Zinc	63		1.1	0.50	mg/Kg	✳	03/15/24 17:45	03/18/24 15:16	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Barium	0.66		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:36	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:36	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(0-5)-031124

Lab Sample ID: 500-247302-7

Date Collected: 03/11/24 14:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:36	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:36	1
Manganese	0.60		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:36	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:36	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:36	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.028	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:52	1
Barium	0.74		0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:52	1
Beryllium	0.0051		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 19:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:52	1
Chromium	0.12		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:52	1
Cobalt	0.018	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:52	1
Copper	0.078		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:52	1
Iron	94		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:52	1
Lead	0.051		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 19:11	1
Manganese	0.42		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:11	1
Nickel	0.10		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:52	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:52	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:11	1
Zinc	0.25	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:52	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:45	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.019	0.010	mg/Kg	☼	03/21/24 16:30	03/22/24 09:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/15/24 20:56	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(5-10)-031124

Lab Sample ID: 500-247302-8

Date Collected: 03/11/24 14:20

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0063	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Benzene	<0.0014		0.0014	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Bromomethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Carbon disulfide	<0.0036		0.0036	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Carbon tetrachloride	<0.0014		0.0014	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Chloroform	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Ethylbenzene	<0.0014		0.0014	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00064	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Trichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Vinyl chloride	<0.0014		0.0014	0.00064	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1
Xylenes, Total	<0.0029		0.0029	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 19:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		75 - 131	03/12/24 18:23	03/14/24 19:22	1
Dibromofluoromethane (Surr)	113		75 - 126	03/12/24 18:23	03/14/24 19:22	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	03/12/24 18:23	03/14/24 19:22	1
Toluene-d8 (Surr)	91		75 - 124	03/12/24 18:23	03/14/24 19:22	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 14:37	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 14:37	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 14:37	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 14:37	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☆	03/20/24 13:50	03/21/24 14:37	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(5-10)-031124

Lab Sample ID: 500-247302-8

Date Collected: 03/11/24 14:20

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.7

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Methylnaphthalene	<0.078		0.078	0.0077	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Chloroaniline	<0.78		0.78	0.40	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0083	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Fluoranthene	0.012	J	0.038	0.0089	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	03/20/24 13:50	03/21/24 14:37	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(5-10)-031124

Lab Sample ID: 500-247302-8

Date Collected: 03/11/24 14:20

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.7

Method: SW846 8270E - 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	0.037	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0076	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Pentachlorophenol	<0.78		0.78	0.096	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Phenol	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Pyrene	<0.038		0.038	0.011	mg/Kg	✳	03/20/24 13:50	03/21/24 14:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143				03/20/24 13:50	03/21/24 14:37	1
2-Fluorobiphenyl (Surr)	67		43 - 145				03/20/24 13:50	03/21/24 14:37	1
2-Fluorophenol (Surr)	65		31 - 166				03/20/24 13:50	03/21/24 14:37	1
Nitrobenzene-d5 (Surr)	66		37 - 147				03/20/24 13:50	03/21/24 14:37	1
Phenol-d5 (Surr)	67		30 - 153				03/20/24 13:50	03/21/24 14:37	1
Terphenyl-d14 (Surr)	83		42 - 157				03/20/24 13:50	03/21/24 14:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		11	4.5	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Antimony	<1.1		1.1	0.22	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Arsenic	5.2		0.56	0.19	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Barium	73		0.56	0.063	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Beryllium	1.0	J	1.1	0.26	mg/Kg	✳	03/15/24 17:45	03/19/24 18:16	5
Cadmium	0.24	B	0.11	0.020	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Calcium	84000	B	56	9.4	mg/Kg	✳	03/15/24 17:45	03/19/24 18:16	5
Chromium	19		0.56	0.28	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Cobalt	13		0.28	0.073	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Copper	19		0.56	0.16	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Iron	19000		11	5.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Lead	11		0.28	0.13	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Magnesium	22000		5.6	2.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Manganese	430		0.56	0.081	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Nickel	31		0.56	0.16	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Potassium	2600		28	9.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Silver	0.82	J	1.4	0.36	mg/Kg	✳	03/15/24 17:45	03/19/24 18:16	5
Sodium	210		56	8.2	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Vanadium	24		0.28	0.066	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1
Zinc	54		1.1	0.49	mg/Kg	✳	03/15/24 17:45	03/18/24 15:20	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Barium	0.54		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:50	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:50	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:50	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-4(5-10)-031124

Lab Sample ID: 500-247302-8

Date Collected: 03/11/24 14:20

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:50	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:50	1
Manganese	0.63		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:50	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:50	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:50	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.032	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 02:05	1
Barium	0.36	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 19:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 19:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 02:05	1
Chromium	0.082		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:05	1
Cobalt	0.020	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:05	1
Copper	0.074		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:05	1
Iron	69		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 02:05	1
Lead	0.049		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 19:25	1
Manganese	0.38		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:25	1
Nickel	0.078		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 02:05	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:25	1
Zinc	0.17	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 02:05	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:48	1

Method: SW846 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		03/26/24 10:45	03/27/24 10:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.018	0.0093	mg/Kg	☼	03/21/24 16:30	03/22/24 09:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/15/24 20:58	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(0-5)-031124

Lab Sample ID: 500-247302-9

Date Collected: 03/11/24 15:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Carbon disulfide	<0.0039		0.0039	0.00080	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Chloroethane	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Chloromethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Methylene Chloride	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Styrene	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Vinyl chloride	<0.0015		0.0015	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1
Xylenes, Total	<0.0031		0.0031	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		75 - 131	03/12/24 18:23	03/14/24 19:46	1
Dibromofluoromethane (Surr)	118		75 - 126	03/12/24 18:23	03/14/24 19:46	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	03/12/24 18:23	03/14/24 19:46	1
Toluene-d8 (Surr)	90		75 - 124	03/12/24 18:23	03/14/24 19:46	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(0-5)-031124

Lab Sample ID: 500-247302-9

Date Collected: 03/11/24 15:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 84.3

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Methylnaphthalene	<0.077		0.077	0.0077	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0083	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Fluoranthene	<0.038		0.038	0.0089	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/20/24 13:50	03/21/24 15:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(0-5)-031124

Lab Sample ID: 500-247302-9

Date Collected: 03/11/24 15:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 84.3

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Pyrene	<0.038		0.038	0.010	mg/Kg	☆	03/20/24 13:50	03/21/24 15:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143				03/20/24 13:50	03/21/24 15:01	1
2-Fluorobiphenyl (Surr)	60		43 - 145				03/20/24 13:50	03/21/24 15:01	1
2-Fluorophenol (Surr)	52		31 - 166				03/20/24 13:50	03/21/24 15:01	1
Nitrobenzene-d5 (Surr)	55		37 - 147				03/20/24 13:50	03/21/24 15:01	1
Phenol-d5 (Surr)	58		30 - 153				03/20/24 13:50	03/21/24 15:01	1
Terphenyl-d14 (Surr)	76		42 - 157				03/20/24 13:50	03/21/24 15:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8900		11	4.5	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Arsenic	12		0.55	0.19	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Barium	48		0.55	0.062	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Beryllium	0.75 J		1.1	0.26	mg/Kg	☆	03/15/24 17:45	03/19/24 18:19	5
Cadmium	0.29 B		0.11	0.020	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Calcium	72000 B		55	9.3	mg/Kg	☆	03/15/24 17:45	03/19/24 18:19	5
Chromium	11		0.55	0.27	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Cobalt	11		0.27	0.072	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Copper	24		0.55	0.15	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Iron	23000		11	5.7	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Lead	16		0.27	0.13	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Magnesium	26000		5.5	2.7	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Manganese	490		0.55	0.079	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Nickel	23		0.55	0.16	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Potassium	1500		27	9.7	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Silver	0.58 J		1.4	0.35	mg/Kg	☆	03/15/24 17:45	03/19/24 18:19	5
Sodium	170		55	8.1	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Vanadium	20		0.27	0.065	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1
Zinc	64		1.1	0.48	mg/Kg	☆	03/15/24 17:45	03/18/24 15:23	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Barium	0.72		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:54	1
Cadmium	0.0020 J		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:54	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(0-5)-031124

Lab Sample ID: 500-247302-9

Date Collected: 03/11/24 15:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 84.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:54	1
Manganese	0.72		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:54	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:54	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:54	1

Method: SW846 6010D - 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		03/20/24 16:27	03/22/24 02:09	1
Barium	0.47	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 19:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 19:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 02:09	1
Chromium	0.099		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:09	1
Cobalt	0.013	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:09	1
Copper	0.059		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:09	1
Iron	74		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 02:09	1
Lead	0.053		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 19:29	1
Manganese	0.30		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:29	1
Nickel	0.069		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:09	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 02:09	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:29	1
Zinc	0.20	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 02:09	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:50	1

Method: SW846 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		03/26/24 10:45	03/27/24 10:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.017	0.0091	mg/Kg	☼	03/21/24 16:30	03/22/24 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			03/15/24 21:01	1

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(5-10)-031124

Lab Sample ID: 500-247302-10

Date Collected: 03/11/24 15:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0069	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Benzene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Bromodichloromethane	<0.0016		0.0016	0.00032	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Bromoform	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Carbon disulfide	<0.0040		0.0040	0.00082	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Carbon tetrachloride	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Chlorobenzene	<0.0016		0.0016	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Chloroform	<0.0016		0.0016	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Dibromochloromethane	<0.0016		0.0016	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,1-Dichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,2-Dichloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,1-Dichloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Ethylbenzene	<0.0016		0.0016	0.00076	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
2-Hexanone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Styrene	<0.0016		0.0016	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Tetrachloroethene	<0.0016		0.0016	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Toluene	<0.0016		0.0016	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00070	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00068	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Trichloroethene	<0.0016		0.0016	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Vinyl chloride	<0.0016		0.0016	0.00070	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1
Xylenes, Total	<0.0032		0.0032	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 20:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		75 - 131	03/12/24 18:23	03/14/24 20:09	1
Dibromofluoromethane (Surr)	102		75 - 126	03/12/24 18:23	03/14/24 20:09	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	03/12/24 18:23	03/14/24 20:09	1
Toluene-d8 (Surr)	89		75 - 124	03/12/24 18:23	03/14/24 20:09	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 14:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/20/24 13:50	03/21/24 14:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/20/24 13:50	03/21/24 14:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/20/24 13:50	03/21/24 14:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/20/24 13:50	03/21/24 14:14	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(5-10)-031124

Lab Sample ID: 500-247302-10

Date Collected: 03/11/24 15:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.3

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0082	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	03/20/24 13:50	03/21/24 14:14	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(5-10)-031124

Lab Sample ID: 500-247302-10

Date Collected: 03/11/24 15:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.3

Method: SW846 8270E - 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	0.037	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Phenol	<0.19		0.19	0.017	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Pyrene	<0.038		0.038	0.010	mg/Kg	✳	03/20/24 13:50	03/21/24 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	69		31 - 143				03/20/24 13:50	03/21/24 14:14	1
2-Fluorobiphenyl (Surr)	61		43 - 145				03/20/24 13:50	03/21/24 14:14	1
2-Fluorophenol (Surr)	60		31 - 166				03/20/24 13:50	03/21/24 14:14	1
Nitrobenzene-d5 (Surr)	60		37 - 147				03/20/24 13:50	03/21/24 14:14	1
Phenol-d5 (Surr)	63		30 - 153				03/20/24 13:50	03/21/24 14:14	1
Terphenyl-d14 (Surr)	76		42 - 157				03/20/24 13:50	03/21/24 14:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16000		11	4.7	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Antimony	<1.1	F1	1.1	0.22	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Arsenic	8.6	F1	0.57	0.20	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Barium	80	F1	0.57	0.065	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Beryllium	1.2		1.1	0.27	mg/Kg	✳	03/15/24 17:45	03/19/24 18:23	5
Cadmium	0.30	B	0.11	0.021	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Calcium	81000	B	57	9.7	mg/Kg	✳	03/15/24 17:45	03/19/24 18:23	5
Chromium	20		0.57	0.28	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Cobalt	19	F1	0.29	0.075	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Copper	25	F1	0.57	0.16	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Iron	24000		11	6.0	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Lead	13	F1	0.29	0.13	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Magnesium	20000		5.7	2.8	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Manganese	550		0.57	0.083	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Nickel	44	F1	0.57	0.17	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Potassium	3300		29	10	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Selenium	<0.57	F1	0.57	0.34	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Silver	0.52	J F1	1.4	0.37	mg/Kg	✳	03/15/24 17:45	03/19/24 18:23	5
Sodium	230		57	8.5	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Thallium	<0.57		0.57	0.29	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Vanadium	29	F1	0.29	0.068	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1
Zinc	57	F1	1.1	0.50	mg/Kg	✳	03/15/24 17:45	03/18/24 15:27	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Barium	0.49	J	0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:59	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Client Sample ID: ROW-5(5-10)-031124

Lab Sample ID: 500-247302-10

Date Collected: 03/11/24 15:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 83.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:59	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:59	1
Manganese	0.68		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:59	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:59	1
Zinc	<0.50	*+ ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:59	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.034	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 02:13	1
Barium	0.51		0.50	0.050	mg/L		03/20/24 16:27	03/22/24 19:33	1
Beryllium	0.0051		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 19:33	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 02:13	1
Chromium	0.12		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:13	1
Cobalt	0.033		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:13	1
Copper	0.098		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:13	1
Iron	94		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 02:13	1
Lead	0.070		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 19:33	1
Manganese	0.57		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:33	1
Nickel	0.12		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 02:13	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 02:13	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 19:33	1
Zinc	0.23	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 02:13	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:52	1

Method: SW846 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		03/26/24 10:45	03/27/24 10:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0096	mg/Kg	☼	03/21/24 16:30	03/22/24 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/15/24 21:03	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247302-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

- 1
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- 14
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Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Sellers		Site Contact: C. Davids		Date: 03/11/2024		COC No				
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		2 of 3 COCs				
Address: 300 knights bridge		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS /MSD (Y/N) VOCs SVOCs TOTAL METALS PLP/SP/PPM/STAL PH		500-247302 COC		Sampler				
City/State/Zip: Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS						For Lab Use Only:				
Phone: 312-590-2518		TAT if different from Below _____						Walk-in Client				
Fax:		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Lab Sampling				
Project Name:								Job / SDG No				
Site:								500-247302				
P O #:												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes					
KL-7(0-4) -031124		3/11/24	1055	G	S	6	X	X	X	X	X	
KL-6(0-4) -031124			1105									
KL-5(0-4) -031124			1115									
KL-4(0-5) -031124			1135									
KL-4(5-10) -031124			1140									
KL-3(0-5) -031124			1150									
KL-3(5-10) -031124			1155									
KL-2(0-5) -031124			1205									
KL-2(5-10) -031124			1210									
KL-1(0-4) -031124			1300									
KL-1(0-4) -031124			1300									
Row-1(0-5) -031124			1310									
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months						
Special Instructions/QC Requirements & Comments: 4.0 → 4.1, 5.1 → 4.4, 4.6 → 3.9												
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: Weston		Date/Time: 3/11/24 1552		Received by:		Company: EETA 3/11/24 1552				
Relinquished by:		Company: EETA 3/11/24		Date/Time: 1647		Received by:		Company:				
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company: EETA 3/11/24 1647				

Chain of Custody Record 720465



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Slesers		Site Contact: C. Daniels		Date: 03/11/2024		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		3 of 3 COCs	
Address: 300 Knightsbridge Plm		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP / SPL Metals				Sampler For Lab Use Only: Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No 500-247302	
City/State/Zip: Lincolns hire, IL 60009		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____							
Phone: 312-590-2518		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day							
Fax:									
Project Name: L-55 - 1-80									
Site: 065 IDOT									
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
Row-1 (5-10) - 031124		3/11/24	1315	G	S	6	X	X	
Row-1 (5-10) - 031124 D			1315						
Row-2 (0-5) - 031124			1335						
Row-2 (5-10) - 031124			1340						
Row-3 (0-4) - 031124			1405						
Row-4 (0-5) - 031124			1415						
Row-4 (5-10) - 031124			1420						
Row-5 (0-5) - 031124			1500						
Row-5 (5-10) - 031124			1505						
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 <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:									
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: Weston		Date/Time: 3/11/24 1552		Received by:		Company: EETA 3/11/24 1552	
Relinquished by:		Company: EETA		Date/Time: 3/11/24 1647		Received by:		Company: EETA	
Relinquished by:		Company: _____		Date/Time: _____		Received by:		Company: EETA 3/11/24 1647	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 3/29/2024 12:09:12 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247301-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
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Shawn.Hayes@et.eurofinsus.com
Designee for
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-7(0-4)-031124

Lab Sample ID: 500-247301-5

Date Collected: 03/11/24 10:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 82.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Carbon disulfide	<0.0044		0.0044	0.00091	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Dibromochloromethane	<0.0018		0.0018	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,1-Dichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Methylene Chloride	0.0018	J B	0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/12/24 18:23	03/14/24 15:18	1
Dibromofluoromethane (Surr)	105		75 - 126	03/12/24 18:23	03/14/24 15:18	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	03/12/24 18:23	03/14/24 15:18	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/14/24 15:18	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-7(0-4)-031124

Lab Sample ID: 500-247301-5

Date Collected: 03/11/24 10:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 82.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Methylnaphthalene	<0.081		0.081	0.0080	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Benzo[a]anthracene	0.029	J	0.040	0.0085	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Benzo[a]pyrene	0.054		0.040	0.039	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Benzo[b]fluoranthene	0.068		0.040	0.038	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Benzo[g,h,i]perylene	0.057		0.040	0.0087	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Benzo[k]fluoranthene	0.017	J	0.040	0.015	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Chrysene	0.042		0.040	0.011	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Fluoranthene	0.056		0.040	0.0093	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	03/19/24 16:05	03/20/24 19:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-7(0-4)-031124

Lab Sample ID: 500-247301-5

Date Collected: 03/11/24 10:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 82.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.066		0.040	0.039	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0079	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Phenanthrene	0.021	J	0.040	0.0087	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Pyrene	0.051		0.040	0.011	mg/Kg	☆	03/19/24 16:05	03/20/24 19:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		31 - 143				03/19/24 16:05	03/20/24 19:39	1
2-Fluorobiphenyl (Surr)	68		43 - 145				03/19/24 16:05	03/20/24 19:39	1
2-Fluorophenol (Surr)	65		31 - 166				03/19/24 16:05	03/20/24 19:39	1
Nitrobenzene-d5 (Surr)	61		37 - 147				03/19/24 16:05	03/20/24 19:39	1
Phenol-d5 (Surr)	67		30 - 153				03/19/24 16:05	03/20/24 19:39	1
Terphenyl-d14 (Surr)	90		42 - 157				03/19/24 16:05	03/20/24 19:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3600		12	4.8	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Arsenic	5.9		0.58	0.20	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Barium	23		2.9	0.33	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Beryllium	0.20	J	0.23	0.054	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Cadmium	0.14	B	0.12	0.021	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Calcium	120000	B	58	9.9	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Chromium	8.2		0.58	0.29	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Cobalt	4.5		0.29	0.076	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Copper	17		2.9	0.81	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Iron	13000		58	30	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Lead	7.0		1.5	0.67	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Magnesium	74000		29	14	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Manganese	280		0.58	0.084	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Nickel	12		0.58	0.17	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Potassium	680		29	10	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Selenium	<0.58		0.58	0.34	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Silver	<0.29		0.29	0.075	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Sodium	420	B	58	8.6	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Thallium	0.88		0.58	0.29	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1
Vanadium	16		1.5	0.34	mg/Kg	☆	03/15/24 17:42	03/22/24 15:44	5
Zinc	55		1.2	0.51	mg/Kg	☆	03/15/24 17:42	03/22/24 04:04	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Barium	0.47	J	0.50	0.050	mg/L		03/21/24 08:35	03/23/24 00:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 00:57	1
Cadmium	0.0024	J	0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 00:57	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-7(0-4)-031124

Lab Sample ID: 500-247301-5

Date Collected: 03/11/24 10:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 82.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Iron	0.25	J	0.40	0.20	mg/L		03/21/24 08:35	03/23/24 00:57	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 00:57	1
Manganese	1.0		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 00:57	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 00:57	1
Zinc	0.12	J**^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 00:57	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:04	1
Barium	0.21	J	0.50	0.050	mg/L		03/20/24 16:25	03/22/24 16:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 16:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:04	1
Chromium	0.049		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:04	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:04	1
Copper	0.044		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:04	1
Iron	47		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 16:40	1
Lead	0.045		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 16:40	1
Manganese	0.37		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:40	1
Nickel	0.034		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:04	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:40	1
Zinc	0.20	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:04	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:22	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0096	mg/Kg	☼	03/21/24 16:30	03/22/24 09:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			03/15/24 20:11	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-6(0-4)-031124

Lab Sample ID: 500-247301-6

Date Collected: 03/11/24 11:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 88.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Benzene	<0.0014		0.0014	0.00035	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Bromodichloromethane	<0.0014		0.0014	0.00028	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Bromoform	<0.0014		0.0014	0.00040	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Bromomethane	<0.0035		0.0035	0.0013	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Carbon disulfide	<0.0035		0.0035	0.00072	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Carbon tetrachloride	<0.0014		0.0014	0.00040	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Chlorobenzene	<0.0014		0.0014	0.00051	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Chloroethane	<0.0035		0.0035	0.0010	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Chloroform	<0.0014		0.0014	0.00048	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Chloromethane	<0.0035		0.0035	0.0014	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Dibromochloromethane	<0.0014		0.0014	0.00045	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,1-Dichloroethane	<0.0014		0.0014	0.00047	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,2-Dichloroethane	<0.0035		0.0035	0.0011	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,1-Dichloroethene	<0.0014		0.0014	0.00047	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00048	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Ethylbenzene	<0.0014		0.0014	0.00066	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
2-Hexanone	<0.0035		0.0035	0.0011	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Methylene Chloride	<0.0035		0.0035	0.0014	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Methyl Ethyl Ketone	<0.0035		0.0035	0.0015	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
methyl isobutyl ketone	<0.0035		0.0035	0.0010	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00041	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00044	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Tetrachloroethene	<0.0014		0.0014	0.00047	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Toluene	<0.0014		0.0014	0.00035	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00061	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00048	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00046	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00059	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Trichloroethene	<0.0014		0.0014	0.00047	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Vinyl chloride	<0.0014		0.0014	0.00061	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1
Xylenes, Total	<0.0028		0.0028	0.00044	mg/Kg	✳	03/12/24 18:23	03/14/24 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	03/12/24 18:23	03/14/24 15:43	1
Dibromofluoromethane (Surr)	104		75 - 126	03/12/24 18:23	03/14/24 15:43	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	03/12/24 18:23	03/14/24 15:43	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/14/24 15:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-6(0-4)-031124

Lab Sample ID: 500-247301-6

Date Collected: 03/11/24 11:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,4-Dimethylphenol	<0.35		0.35	0.080	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Methylnaphthalene	<0.072		0.072	0.0072	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
4-Nitrophenol	<0.72		0.72	0.13	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Anthracene	<0.035		0.035	0.0073	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Benzo[a]anthracene	<0.035		0.035	0.0076	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Benzo[g,h,i]perylene	<0.035		0.035	0.0077	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Benzo[k]fluoranthene	<0.035		0.035	0.014	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Chrysene	<0.035		0.035	0.0094	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Fluoranthene	<0.035		0.035	0.0083	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Fluorene	<0.035		0.035	0.011	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	03/19/24 16:05	03/20/24 16:21	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-6(0-4)-031124

Lab Sample ID: 500-247301-6

Date Collected: 03/11/24 11:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 88.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.035	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.0070	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Pentachlorophenol	<0.72		0.72	0.089	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Phenanthrene	<0.035		0.035	0.0078	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Phenol	<0.18		0.18	0.015	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1
Pyrene	<0.035		0.035	0.0097	mg/Kg	✳	03/19/24 16:05	03/20/24 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	03/19/24 16:05	03/20/24 16:21	1
2-Fluorobiphenyl (Surr)	62		43 - 145	03/19/24 16:05	03/20/24 16:21	1
2-Fluorophenol (Surr)	65		31 - 166	03/19/24 16:05	03/20/24 16:21	1
Nitrobenzene-d5 (Surr)	61		37 - 147	03/19/24 16:05	03/20/24 16:21	1
Phenol-d5 (Surr)	64		30 - 153	03/19/24 16:05	03/20/24 16:21	1
Terphenyl-d14 (Surr)	80		42 - 157	03/19/24 16:05	03/20/24 16:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		11	4.4	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Antimony	<1.1		1.1	0.21	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Arsenic	5.8		0.54	0.18	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Barium	21		2.7	0.31	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Beryllium	0.22		0.21	0.050	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Cadmium	0.12	B	0.11	0.019	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Calcium	140000	B	54	9.1	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Chromium	5.5		0.54	0.27	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Cobalt	4.0		0.27	0.070	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Copper	15		2.7	0.75	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Iron	12000		54	28	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Lead	7.0		1.3	0.62	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Magnesium	87000		27	13	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Manganese	270		0.54	0.078	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Nickel	9.9		0.54	0.16	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Potassium	720		27	9.5	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Selenium	<0.54		0.54	0.32	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Silver	<0.27		0.27	0.069	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Sodium	250	B	54	7.9	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Thallium	0.96		0.54	0.27	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1
Vanadium	12		1.3	0.32	mg/Kg	✳	03/15/24 17:42	03/22/24 15:48	5
Zinc	40		1.1	0.47	mg/Kg	✳	03/15/24 17:42	03/22/24 04:08	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Barium	0.60		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:01	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-6(0-4)-031124

Lab Sample ID: 500-247301-6

Date Collected: 03/11/24 11:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 88.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:01	1
Manganese	0.99		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:01	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:01	1
Zinc	0.13	J** ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:01	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:08	1
Barium	0.26	J	0.50	0.050	mg/L		03/20/24 16:25	03/22/24 16:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 16:54	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:08	1
Chromium	0.059		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:08	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:08	1
Copper	0.049		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:08	1
Iron	57		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 16:54	1
Lead	0.062		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 16:54	1
Manganese	0.36		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:54	1
Nickel	0.041		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:08	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:54	1
Zinc	0.27	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:08	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:24	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.018	0.0094	mg/Kg	☼	03/21/24 16:30	03/22/24 09:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			03/15/24 20:13	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-5(0-4)-031124

Lab Sample ID: 500-247301-7

Date Collected: 03/11/24 11:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Methylene Chloride	0.0018	J B	0.0044	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1
Xylenes, Total	<0.0035		0.0035	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 16:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	03/12/24 18:23	03/14/24 16:07	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/14/24 16:07	1
1,2-Dichloroethane-d4 (Surr)	123		70 - 134	03/12/24 18:23	03/14/24 16:07	1
Toluene-d8 (Surr)	110		75 - 124	03/12/24 18:23	03/14/24 16:07	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-5(0-4)-031124

Lab Sample ID: 500-247301-7

Date Collected: 03/11/24 11:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,4-Dimethylphenol	<0.37		0.37	0.082	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.030	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Chloro-3-methylphenol	<0.37		0.37	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Chloroaniline	<0.74		0.74	0.39	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0080	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Hexachlorobenzene	<0.074		0.074	0.0071	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 16:46	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-5(0-4)-031124

Lab Sample ID: 500-247301-7

Date Collected: 03/11/24 11:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0073	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☆	03/19/24 16:05	03/20/24 16:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				03/19/24 16:05	03/20/24 16:46	1
2-Fluorobiphenyl (Surr)	73		43 - 145				03/19/24 16:05	03/20/24 16:46	1
2-Fluorophenol (Surr)	67		31 - 166				03/19/24 16:05	03/20/24 16:46	1
Nitrobenzene-d5 (Surr)	70		37 - 147				03/19/24 16:05	03/20/24 16:46	1
Phenol-d5 (Surr)	70		30 - 153				03/19/24 16:05	03/20/24 16:46	1
Terphenyl-d14 (Surr)	82		42 - 157				03/19/24 16:05	03/20/24 16:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7900		11	4.6	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Antimony	0.23	J	1.1	0.22	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Arsenic	7.3		0.56	0.19	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Barium	76		2.8	0.32	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Beryllium	0.58	J	1.1	0.26	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Cadmium	0.21	B	0.11	0.020	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Calcium	90000	B	56	9.6	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Chromium	8.8		0.56	0.28	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Cobalt	6.4		0.28	0.074	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Copper	14		0.56	0.16	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Iron	19000		56	29	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Lead	12		0.28	0.13	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Magnesium	55000		28	14	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Manganese	330		0.56	0.082	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Nickel	12		0.56	0.16	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Potassium	790		28	10	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Selenium	<0.56		0.56	0.33	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Silver	0.89	J	1.4	0.36	mg/Kg	☆	03/15/24 17:45	03/19/24 17:09	5
Sodium	600		56	8.4	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Vanadium	18		0.28	0.067	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1
Zinc	42		1.1	0.50	mg/Kg	☆	03/15/24 17:45	03/18/24 14:11	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Barium	0.85		0.50	0.050	mg/L		03/21/24 08:35	03/23/24 01:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:35	03/23/24 01:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:35	03/23/24 01:05	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-5(0-4)-031124

Lab Sample ID: 500-247301-7

Date Collected: 03/11/24 11:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Iron	0.20	J	0.40	0.20	mg/L		03/21/24 08:35	03/23/24 01:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:35	03/23/24 01:05	1
Manganese	0.28		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:35	03/23/24 01:05	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:35	03/23/24 01:05	1
Zinc	0.024	J** ^+	0.50	0.020	mg/L		03/21/24 08:35	03/23/24 01:05	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.036	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:12	1
Barium	0.97		0.50	0.050	mg/L		03/20/24 16:25	03/22/24 16:58	1
Beryllium	0.0059		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 16:58	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:12	1
Chromium	0.18		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:12	1
Cobalt	0.026		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:12	1
Copper	0.11		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:12	1
Iron	160		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 16:58	1
Lead	0.060		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 16:58	1
Manganese	0.72		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:58	1
Nickel	0.13		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:12	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:12	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 16:58	1
Zinc	0.56		0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:12	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 08:26	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0096	mg/Kg	☼	03/21/24 16:30	03/22/24 10:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			03/15/24 20:15	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(0-5)-031124

Lab Sample ID: 500-247301-10

Date Collected: 03/11/24 11:50

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.040		0.019	0.0083	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Benzene	<0.0019		0.0019	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Bromoform	<0.0019		0.0019	0.00056	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Carbon disulfide	<0.0048		0.0048	0.00099	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Carbon tetrachloride	<0.0019		0.0019	0.00055	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Chlorobenzene	<0.0019		0.0019	0.00070	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Chloroform	<0.0019		0.0019	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00057	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Dibromochloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,1-Dichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,1-Dichloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00067	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Ethylbenzene	<0.0019		0.0019	0.00091	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Methylene Chloride	<0.0048		0.0048	0.0019	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Methyl Ethyl Ketone	0.011		0.0048	0.0021	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00056	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Styrene	<0.0019		0.0019	0.00057	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00061	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Tetrachloroethene	<0.0019		0.0019	0.00065	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Toluene	<0.0019		0.0019	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00084	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00067	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00064	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00082	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Trichloroethene	<0.0019		0.0019	0.00064	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Vinyl chloride	<0.0019		0.0019	0.00084	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1
Xylenes, Total	<0.0038		0.0038	0.00061	mg/Kg	☼	03/12/24 18:23	03/14/24 17:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	03/12/24 18:23	03/14/24 17:21	1
Dibromofluoromethane (Surr)	107		75 - 126	03/12/24 18:23	03/14/24 17:21	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	03/12/24 18:23	03/14/24 17:21	1
Toluene-d8 (Surr)	113		75 - 124	03/12/24 18:23	03/14/24 17:21	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	03/19/24 16:05	03/20/24 20:04	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	03/19/24 16:05	03/20/24 20:04	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 20:04	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	03/19/24 16:05	03/20/24 20:04	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	03/19/24 16:05	03/20/24 20:04	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(0-5)-031124

Lab Sample ID: 500-247301-10

Date Collected: 03/11/24 11:50

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.2

Method: SW846 8270E - 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	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Methylnaphthalene	<0.080		0.080	0.0079	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Chloroaniline	<0.80		0.80	0.41	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
4-Nitrophenol	<0.80		0.80	0.15	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Anthracene	<0.039		0.039	0.0081	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Benzo[a]anthracene	<0.039		0.039	0.0084	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Benzo[b]fluoranthene	<0.039		0.039	0.038	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Benzo[g,h,i]perylene	<0.039		0.039	0.0085	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Carbazole	<0.20		0.20	0.016	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Chrysene	<0.039		0.039	0.010	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Fluoranthene	0.013	J	0.039	0.0092	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Fluorene	<0.039		0.039	0.012	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	✱	03/19/24 16:05	03/20/24 20:04	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(0-5)-031124

Lab Sample ID: 500-247301-10

Date Collected: 03/11/24 11:50

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.2

Method: SW846 8270E - 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	0.038	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.0078	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Pentachlorophenol	<0.80		0.80	0.099	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✳	03/19/24 16:05	03/20/24 20:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143				03/19/24 16:05	03/20/24 20:04	1
2-Fluorobiphenyl (Surr)	77		43 - 145				03/19/24 16:05	03/20/24 20:04	1
2-Fluorophenol (Surr)	81		31 - 166				03/19/24 16:05	03/20/24 20:04	1
Nitrobenzene-d5 (Surr)	73		37 - 147				03/19/24 16:05	03/20/24 20:04	1
Phenol-d5 (Surr)	82		30 - 153				03/19/24 16:05	03/20/24 20:04	1
Terphenyl-d14 (Surr)	82		42 - 157				03/19/24 16:05	03/20/24 20:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	18000		12	4.9	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Antimony	<1.2		1.2	0.23	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Arsenic	6.0		0.60	0.21	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Barium	150		0.60	0.069	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Beryllium	0.92		0.24	0.056	mg/Kg	✳	03/15/24 17:45	03/19/24 17:20	1
Cadmium	0.22	B	0.12	0.022	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Calcium	4600	B	12	2.0	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Chromium	20		0.60	0.30	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Cobalt	10		0.30	0.079	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Copper	17		0.60	0.17	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Iron	15000		12	6.3	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Lead	15		0.30	0.14	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Magnesium	4400		6.0	3.0	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Manganese	200		0.60	0.087	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Nickel	20		0.60	0.18	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Potassium	860		30	11	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Selenium	<0.60		0.60	0.35	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Silver	<0.30		0.30	0.078	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Sodium	360		60	8.9	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Thallium	<0.60		0.60	0.30	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Vanadium	37		0.30	0.071	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1
Zinc	61		1.2	0.53	mg/Kg	✳	03/15/24 17:45	03/18/24 14:30	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 15:24	1
Barium	0.95		0.50	0.050	mg/L		03/21/24 08:32	03/25/24 15:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 15:24	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(0-5)-031124

Lab Sample ID: 500-247301-10

Date Collected: 03/11/24 11:50

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 81.2

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:24	1
Cobalt	0.027		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:56	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:24	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:56	1
Manganese	12		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:56	1
Nickel	0.018	J	0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:24	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 15:24	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:56	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:56	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.026	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:24	1
Barium	0.54		0.50	0.050	mg/L		03/20/24 16:25	03/22/24 17:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 17:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:24	1
Chromium	0.093		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:24	1
Cobalt	0.020	J	0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:24	1
Copper	0.068		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:24	1
Iron	81		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 17:10	1
Lead	0.064		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 17:10	1
Manganese	0.52		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:10	1
Nickel	0.064		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:24	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:24	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:10	1
Zinc	0.23	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:24	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:32	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.019	0.010	mg/Kg	☼	03/21/24 16:30	03/22/24 10:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			03/15/24 20:23	1

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(5-10)-031124

Lab Sample ID: 500-247301-11

Date Collected: 03/11/24 11:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.011	J	0.015	0.0065	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Carbon disulfide	<0.0037		0.0037	0.00078	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Chloroform	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Dibromochloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Ethylbenzene	<0.0015		0.0015	0.00072	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0017	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Tetrachloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☼	03/12/24 18:23	03/14/24 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	03/12/24 18:23	03/14/24 17:45	1
Dibromofluoromethane (Surr)	104		75 - 126	03/12/24 18:23	03/14/24 17:45	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	03/12/24 18:23	03/14/24 17:45	1
Toluene-d8 (Surr)	115		75 - 124	03/12/24 18:23	03/14/24 17:45	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☼	03/19/24 16:05	03/20/24 18:00	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☼	03/19/24 16:05	03/20/24 18:00	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	03/19/24 16:05	03/20/24 18:00	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	03/19/24 16:05	03/20/24 18:00	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☼	03/19/24 16:05	03/20/24 18:00	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(5-10)-031124

Lab Sample ID: 500-247301-11

Date Collected: 03/11/24 11:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8270E - 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	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Methylnaphthalene	<0.078		0.078	0.0077	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Chloroaniline	<0.78		0.78	0.40	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0083	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Fluoranthene	<0.038		0.038	0.0090	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	03/19/24 16:05	03/20/24 18:00	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(5-10)-031124

Lab Sample ID: 500-247301-11

Date Collected: 03/11/24 11:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0076	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Pentachlorophenol	<0.78		0.78	0.096	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Pyrene	<0.038		0.038	0.011	mg/Kg	☆	03/19/24 16:05	03/20/24 18:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		31 - 143				03/19/24 16:05	03/20/24 18:00	1
2-Fluorobiphenyl (Surr)	78		43 - 145				03/19/24 16:05	03/20/24 18:00	1
2-Fluorophenol (Surr)	80		31 - 166				03/19/24 16:05	03/20/24 18:00	1
Nitrobenzene-d5 (Surr)	76		37 - 147				03/19/24 16:05	03/20/24 18:00	1
Phenol-d5 (Surr)	79		30 - 153				03/19/24 16:05	03/20/24 18:00	1
Terphenyl-d14 (Surr)	88		42 - 157				03/19/24 16:05	03/20/24 18:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.5	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Arsenic	2.6		0.55	0.19	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Barium	60		0.55	0.063	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Beryllium	0.81	J	1.1	0.26	mg/Kg	☆	03/15/24 17:45	03/19/24 17:23	5
Cadmium	0.46	B	0.11	0.020	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Calcium	120000	B	55	9.4	mg/Kg	☆	03/15/24 17:45	03/19/24 17:23	5
Chromium	16		0.55	0.27	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Cobalt	7.8		0.28	0.072	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Copper	20		0.55	0.15	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Iron	17000		11	5.7	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Lead	13		0.28	0.13	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Magnesium	20000		5.5	2.7	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Manganese	270		0.55	0.080	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Nickel	24		0.55	0.16	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Potassium	2400		28	9.8	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Selenium	<0.55		0.55	0.33	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Silver	1.4		1.4	0.36	mg/Kg	☆	03/15/24 17:45	03/19/24 17:23	5
Sodium	290		55	8.2	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Thallium	<0.55		0.55	0.28	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Vanadium	22		0.28	0.065	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1
Zinc	51		1.1	0.49	mg/Kg	☆	03/15/24 17:45	03/18/24 14:33	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 15:38	1
Barium	0.35	J	0.50	0.050	mg/L		03/21/24 08:32	03/25/24 15:38	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 15:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 15:38	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-3(5-10)-031124

Lab Sample ID: 500-247301-11

Date Collected: 03/11/24 11:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:38	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:00	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:38	1
Iron	0.21	J	0.40	0.20	mg/L		03/21/24 08:32	03/26/24 15:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 15:00	1
Manganese	0.024	J	0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:00	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:38	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 15:38	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:00	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 08:32	03/26/24 15:00	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:28	1
Barium	0.32	J	0.50	0.050	mg/L		03/20/24 16:25	03/22/24 17:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 17:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:28	1
Chromium	0.078		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:28	1
Cobalt	0.016	J	0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:28	1
Copper	0.065		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:28	1
Iron	72		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 17:14	1
Lead	0.044		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 17:14	1
Manganese	0.42		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:14	1
Nickel	0.069		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:28	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:28	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:14	1
Zinc	0.16	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:28	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:34	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.019	0.0098	mg/Kg	☼	03/21/24 16:30	03/22/24 10:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/15/24 20:25	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-1(0-4)-031124

Lab Sample ID: 500-247301-14

Date Collected: 03/11/24 13:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0067	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Benzene	<0.0015		0.0015	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Bromodichloromethane	<0.0015		0.0015	0.00032	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Bromoform	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Bromomethane	<0.0039		0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Carbon disulfide	<0.0039		0.0039	0.00081	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Carbon tetrachloride	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Chlorobenzene	<0.0015		0.0015	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Chloroethane	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Chloroform	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Chloromethane	<0.0039		0.0039	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Dibromochloromethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,1-Dichloroethane	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,2-Dichloroethane	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,1-Dichloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Ethylbenzene	<0.0015		0.0015	0.00074	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
2-Hexanone	<0.0039		0.0039	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Methylene Chloride	0.0015	J B	0.0039	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
methyl isobutyl ketone	<0.0039		0.0039	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Styrene	<0.0015		0.0015	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Tetrachloroethene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Toluene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00066	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Trichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Vinyl chloride	<0.0015		0.0015	0.00069	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1
Xylenes, Total	<0.0031		0.0031	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 18:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	03/12/24 18:23	03/14/24 18:59	1
Dibromofluoromethane (Surr)	106		75 - 126	03/12/24 18:23	03/14/24 18:59	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	03/12/24 18:23	03/14/24 18:59	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/14/24 18:59	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/19/24 16:05	03/20/24 19:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/19/24 16:05	03/20/24 19:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/19/24 16:05	03/20/24 19:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/19/24 16:05	03/20/24 19:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/19/24 16:05	03/20/24 19:14	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-1(0-4)-031124

Lab Sample ID: 500-247301-14

Date Collected: 03/11/24 13:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.1

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Methylnaphthalene	<0.076		0.076	0.0076	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
2-Nitrophenol	<0.37		0.37	0.026	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.015	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Acenaphthene	<0.037		0.037	0.0077	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Anthracene	<0.037		0.037	0.0077	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Benzo[a]anthracene	<0.037		0.037	0.0080	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0082	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Chrysene	<0.037		0.037	0.0099	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Fluorene	<0.037		0.037	0.011	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✳	03/19/24 16:05	03/20/24 19:14	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-1(0-4)-031124

Lab Sample ID: 500-247301-14

Date Collected: 03/11/24 13:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.1

Method: SW846 8270E - 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	0.037	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0074	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Pentachlorophenol	<0.76		0.76	0.094	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Phenanthrene	<0.037		0.037	0.0082	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☼	03/19/24 16:05	03/20/24 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		31 - 143				03/19/24 16:05	03/20/24 19:14	1
2-Fluorobiphenyl (Surr)	61		43 - 145				03/19/24 16:05	03/20/24 19:14	1
2-Fluorophenol (Surr)	61		31 - 166				03/19/24 16:05	03/20/24 19:14	1
Nitrobenzene-d5 (Surr)	59		37 - 147				03/19/24 16:05	03/20/24 19:14	1
Phenol-d5 (Surr)	62		30 - 153				03/19/24 16:05	03/20/24 19:14	1
Terphenyl-d14 (Surr)	85		42 - 157				03/19/24 16:05	03/20/24 19:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		11	4.5	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Antimony	<1.1		1.1	0.22	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Arsenic	5.8		0.55	0.19	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Barium	77		0.55	0.063	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Beryllium	0.95 J		1.1	0.26	mg/Kg	☼	03/15/24 17:45	03/19/24 17:41	5
Cadmium	0.31 B		0.11	0.020	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Calcium	83000 B		55	9.4	mg/Kg	☼	03/15/24 17:45	03/19/24 17:41	5
Chromium	19		0.55	0.27	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Cobalt	12		0.28	0.072	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Copper	21		0.55	0.15	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Iron	20000		11	5.8	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Lead	12		0.28	0.13	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Magnesium	21000		5.5	2.7	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Manganese	380		0.55	0.080	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Nickel	30		0.55	0.16	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Potassium	2600		28	9.8	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Selenium	0.44 J		0.55	0.33	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Silver	0.84 J		1.4	0.36	mg/Kg	☼	03/15/24 17:45	03/19/24 17:41	5
Sodium	170		55	8.2	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Thallium	<0.55		0.55	0.28	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Vanadium	25		0.28	0.065	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1
Zinc	55		1.1	0.49	mg/Kg	☼	03/15/24 17:45	03/18/24 14:44	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 15:51	1
Barium	0.74		0.50	0.050	mg/L		03/21/24 08:32	03/25/24 15:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 15:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 15:51	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Client Sample ID: KL-1(0-4)-031124

Lab Sample ID: 500-247301-14

Date Collected: 03/11/24 13:00

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.1

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:51	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:19	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:51	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 15:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 15:19	1
Manganese	0.63		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:19	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:51	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 15:51	1
Silver	0.010	J	0.025	0.010	mg/L		03/21/24 08:32	03/26/24 15:19	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 08:32	03/26/24 15:19	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		03/20/24 16:25	03/22/24 03:49	1
Barium	0.21	J	0.50	0.050	mg/L		03/20/24 16:25	03/22/24 17:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:25	03/22/24 17:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:25	03/22/24 03:49	1
Chromium	0.045		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:49	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:49	1
Copper	0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:49	1
Iron	31		0.40	0.20	mg/L		03/20/24 16:25	03/22/24 17:26	1
Lead	0.024		0.0075	0.0075	mg/L		03/20/24 16:25	03/22/24 17:26	1
Manganese	0.15		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:26	1
Nickel	0.032		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 03:49	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:25	03/22/24 03:49	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:25	03/22/24 17:26	1
Zinc	0.072	J	0.50	0.020	mg/L		03/20/24 16:25	03/22/24 03:49	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:40	1

Method: SW846 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		03/26/24 10:45	03/27/24 12:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.049		0.018	0.0093	mg/Kg	☼	03/21/24 16:30	03/22/24 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/15/24 20:36	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247301-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

- 1
- 2
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- 14
- 15

Chain of Custody Record 720467



Environment Testing America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Slesers		Site Contact: C. Daniels		Date: 3/11/2024		COC No					
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 3 COCs					
Address: 300 Knightsbridge Plwy		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day											
City/State/Zip: Lincolnshire, IL 60069													
Phone: 312-590-2578													
Fax:													
Project Name: 1-55-1-80													
Site: 065 IDOT		P O #		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TLLP / SPLP metals PH		500-247301 COC 		Sampler:					
For Lab Use Only:													
Walk-in Client													
Lab Sampling													
Job / SDG No													
500-247301													
Sample Specific Notes													
Sample Identification		Sample Date	Sample Time					Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			
B-8(0-4) -031124		3/11/24	0845					G	S	6	X	X	X
B-7(0-4) -031124			0855								X	X	X
B-6(0-4) -031124			0905				X	X	X				
B-5(0-4) -031124			0915				X	X	X				
B-4(0-4) -031124			0925				X	X	X				
B-3(0-4) -031124			0935				X	X	X				
B-2(0-4) -031124			0945				X	X	X				
B-1(0-4) -031124			1000				X	X	X				
KL-9(0-5) -031124			1010				X	X	X				
KL-9(5-10) -031124			1015				X	X	X				
KL-9(5-10) -031124D			1015				X	X	X				
KL-8(0-4) -031124			1040				X	X	X				
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months								
Special Instructions/QC Requirements & Comments: <div style="text-align: right; font-size: 1.2em;">4.8 → 4.1, 5.1 → 4.6, 4.6 → 3.9</div>													
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: [Signature]		Company: Weston		Date/Time: 3/11/24 1552		Received by: [Signature]		Company: EETA					
Relinquished by: [Signature]		Company: EETA		Date/Time: 3/11/24		Received by:		Date/Time:					
Relinquished by:		Company:		Date/Time:		Received by Laboratory by: [Signature]		Company: EETA					
								Date/Time: 3/11/24 1647					

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Chain of Custody Record 720464



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager Asiclers		Site Contact C. Davids		Date: 03/11/2024		COC No				
Company Name Weston Solutions		Tel/Email		Lab Contact J. Knapp		Carrier		2 of 3 COCs				
Address 300 Knightsbridge		Analysis Turnaround Time		Filtered Sample (Y/N) _____ Perform MS/MSD (Y/N) _____ VOCS SUOCs TOTAL METALS TELLEPHEMETALS pH				Sampler For Lab Use Only Walk-in Client <input type="checkbox"/> Lab Sampling <input type="checkbox"/> Job / SDG No 500-247301				
City/State/Zip Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS										
Phone 312-590-2518		TAT if different from Below _____										
Fax		<input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day										
Project Name												
Site												
P O #												
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes					
5	KL-7(0-4) - 031124	3/11/24	1055	G	S	6	x	x	x	x	x	
6	KL-6(0-4) - 031124		1105									
7	KL-5(0-4) - 031124		1115									
8	KL-4(0-5) - 031124		1135									
9	KL-4(5-10) - 031124		1140									
10	KL-3(0-5) - 031124		1150									
11	KL-3(5-10) - 031124		1155									
12	KL-2(0-5) - 031124		1205									
13	KL-2(5-10) - 031124		1210									
14	KL-1(0-4) - 031124		1300									
	KL-1(0-4) - 031124		1300									
	Row-1(0-5) - 031124		1310									
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months					
Special Instructions/QC Requirements & Comments.												
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 WESTON		Date/Time 3/11/24 1552		Received by		Company EETA 3/11/24 1552				
Relinquished by		Company EETA 3/11/24		Date/Time 1647		Received by		Company				
Relinquished by		Company		Date/Time		Received in Laboratory by		Company EETA 3/11/24 1647				

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 5/6/2024 12:53:55 PM Revision 1

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247397-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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5/6/2024 12:53:55 PM
Revision 1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-37(0-5)-031324

Lab Sample ID: 500-247397-3

Date Collected: 03/13/24 09:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0093	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Benzene	<0.0021		0.0021	0.00054	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Bromodichloromethane	<0.0021		0.0021	0.00043	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Bromoform	<0.0021		0.0021	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Bromomethane	<0.0053		0.0053	0.0020	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Carbon disulfide	<0.0053		0.0053	0.0011	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Carbon tetrachloride	<0.0021		0.0021	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Chlorobenzene	<0.0021		0.0021	0.00078	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Chloroethane	<0.0053		0.0053	0.0016	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Chloroform	<0.0021		0.0021	0.00074	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Chloromethane	<0.0053		0.0053	0.0021	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00059	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00064	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Dibromochloromethane	<0.0021		0.0021	0.00069	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,1-Dichloroethane	<0.0021		0.0021	0.00073	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,2-Dichloroethane	<0.0053		0.0053	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,1-Dichloroethene	<0.0021		0.0021	0.00073	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.00075	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Ethylbenzene	<0.0021		0.0021	0.0010	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
2-Hexanone	<0.0053		0.0053	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Methylene Chloride	0.0023	J B	0.0053	0.0021	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0024	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
methyl isobutyl ketone	<0.0053		0.0053	0.0016	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Styrene	<0.0021		0.0021	0.00064	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.00068	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Tetrachloroethene	<0.0021		0.0021	0.00072	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Toluene	<0.0021		0.0021	0.00054	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00094	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.00075	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00071	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00091	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Trichloroethene	<0.0021		0.0021	0.00072	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Vinyl chloride	<0.0021		0.0021	0.00094	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1
Xylenes, Total	<0.0042		0.0042	0.00068	mg/Kg	☆	03/13/24 18:00	03/15/24 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	03/13/24 18:00	03/15/24 13:31	1
Dibromofluoromethane (Surr)	110		75 - 126	03/13/24 18:00	03/15/24 13:31	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	03/13/24 18:00	03/15/24 13:31	1
Toluene-d8 (Surr)	112		75 - 124	03/13/24 18:00	03/15/24 13:31	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.029	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-37(0-5)-031324

Lab Sample ID: 500-247397-3

Date Collected: 03/13/24 09:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,4-Dimethylphenol	<0.41		0.41	0.092	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,4-Dinitrotoluene	<0.21	*-	0.21	0.023	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2,6-Dinitrotoluene	<0.21	*-	0.21	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Chloronaphthalene	<0.21	*-	0.21	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Methylnaphthalene	<0.083	*-	0.083	0.0082	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Nitroaniline	<0.21	*-	0.21	0.022	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.034	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Chloro-3-methylphenol	<0.41		0.41	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Chlorophenyl phenyl ether	<0.21	*-	0.21	0.054	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Nitroaniline	<0.41	*-	0.41	0.030	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
4-Nitrophenol	<0.83	*-	0.83	0.15	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Acenaphthene	<0.041	*-	0.041	0.0084	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Acenaphthylene	<0.041	*-	0.041	0.0070	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Anthracene	<0.041	*-	0.041	0.0084	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Benzo[a]anthracene	0.011	J*-	0.041	0.0087	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Benzo[a]pyrene	<0.041	*-	0.041	0.040	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Benzo[b]fluoranthene	<0.041	*-	0.041	0.039	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Benzo[g,h,i]perylene	<0.041		0.041	0.0089	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Benzo[k]fluoranthene	<0.041	*-	0.041	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Bis(2-ethylhexyl) phthalate	<0.21	*-	0.21	0.16	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Butyl benzyl phthalate	<0.21	*-	0.21	0.020	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Carbazole	<0.21	*-	0.21	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Chrysene	<0.041	*-	0.041	0.011	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Dibenzofuran	<0.21	*-	0.21	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Diethyl phthalate	<0.21	*-	0.21	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Dimethyl phthalate	<0.21	*-	0.21	0.0089	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Di-n-butyl phthalate	<0.21	*-	0.21	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Di-n-octyl phthalate	<0.41	*-	0.41	0.29	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Fluoranthene	0.0096	J*-	0.041	0.0095	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Fluorene	<0.041	*-	0.041	0.012	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Hexachlorobenzene	<0.083		0.083	0.0079	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Hexachlorocyclopentadiene	<0.83	*-	0.83	0.44	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	03/21/24 08:23	03/21/24 18:27	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-37(0-5)-031324

Lab Sample ID: 500-247397-3

Date Collected: 03/13/24 09:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Naphthalene	<0.041		0.041	0.0074	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.0081	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
N-Nitrosodiphenylamine	<0.21	*	0.21	0.024	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Pentachlorophenol	<0.83		0.83	0.10	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Phenanthrene	<0.041	*	0.041	0.0089	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Phenol	<0.21		0.21	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1
Pyrene	<0.041	*	0.041	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		31 - 143	03/21/24 08:23	03/21/24 18:27	1
2-Fluorobiphenyl (Surr)	83		43 - 145	03/21/24 08:23	03/21/24 18:27	1
2-Fluorophenol (Surr)	81		31 - 166	03/21/24 08:23	03/21/24 18:27	1
Nitrobenzene-d5 (Surr)	79		37 - 147	03/21/24 08:23	03/21/24 18:27	1
Phenol-d5 (Surr)	85		30 - 153	03/21/24 08:23	03/21/24 18:27	1
Terphenyl-d14 (Surr)	82		42 - 157	03/21/24 08:23	03/21/24 18:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	12000		11	4.7	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Arsenic	6.9		0.57	0.20	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Barium	100		0.57	0.066	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Beryllium	0.69		0.23	0.054	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Cadmium	0.35	B	0.11	0.021	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Calcium	11000	B	11	1.9	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Chromium	14		0.57	0.28	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Cobalt	10		0.29	0.075	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Copper	11		0.57	0.16	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Iron	17000		11	6.0	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Lead	19		0.29	0.13	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Magnesium	7100	B	5.7	2.9	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Manganese	610		0.57	0.083	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Nickel	18		0.57	0.17	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Potassium	1200		29	10	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Selenium	0.71		0.57	0.34	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Silver	0.19	J	0.29	0.074	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Sodium	130	B	57	8.5	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Thallium	<0.57		0.57	0.29	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Vanadium	28		0.29	0.068	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1
Zinc	51		1.1	0.50	mg/Kg	☆	03/27/24 09:17	03/28/24 11:46	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:13	1
Barium	0.46	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:13	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-37(0-5)-031324

Lab Sample ID: 500-247397-3

Date Collected: 03/13/24 09:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.2

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:13	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:52	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:13	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:52	1
Manganese	0.17		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:18	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:13	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:13	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:52	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:13	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Barium	0.28	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:08	1
Chromium	0.053		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Copper	0.022	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Iron	52		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:39	1
Lead	0.047		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:39	1
Manganese	0.28		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Nickel	0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:08	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:39	1
Zinc	0.13	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:08	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:07	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.020	0.011	mg/Kg	☼	03/25/24 17:05	03/26/24 09:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/20/24 12:10	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-30(0-2)-031324

Lab Sample ID: 500-247397-4

Date Collected: 03/13/24 09:30

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.011	J	0.018	0.0079	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Bromomethane	<0.0046		0.0046	0.0017	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Carbon disulfide	<0.0046		0.0046	0.00095	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Carbon tetrachloride	<0.0018		0.0018	0.00053	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Chloroethane	<0.0046		0.0046	0.0013	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Chloromethane	<0.0046		0.0046	0.0018	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00051	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00055	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Dibromochloromethane	<0.0018		0.0018	0.00060	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,2-Dichloroethane	<0.0046		0.0046	0.0014	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,1-Dichloroethene	<0.0018		0.0018	0.00063	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00064	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Ethylbenzene	<0.0018		0.0018	0.00087	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
2-Hexanone	<0.0046		0.0046	0.0014	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Methylene Chloride	0.0019	J B	0.0046	0.0018	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Methyl Ethyl Ketone	0.0027	J	0.0046	0.0020	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
methyl isobutyl ketone	<0.0046		0.0046	0.0013	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Tetrachloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00081	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00064	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00078	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Trichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Vinyl chloride	<0.0018		0.0018	0.00081	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☼	03/13/24 18:00	03/15/24 14:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	03/13/24 18:00	03/15/24 14:20	1
Dibromofluoromethane (Surr)	107		75 - 126	03/13/24 18:00	03/15/24 14:20	1
1,2-Dichloroethane-d4 (Surr)	112		70 - 134	03/13/24 18:00	03/15/24 14:20	1
Toluene-d8 (Surr)	112		75 - 124	03/13/24 18:00	03/15/24 14:20	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-30(0-2)-031324

Lab Sample ID: 500-247397-4

Date Collected: 03/13/24 09:30

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.76		0.76	0.029	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,4,6-Trichlorophenol	<0.76		0.76	0.026	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,4-Dichlorophenol	<0.76		0.76	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,4-Dimethylphenol	<0.76		0.76	0.17	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,4-Dinitrophenol	<1.5		1.5	0.44	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,4-Dinitrotoluene	<0.38	*-	0.38	0.043	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2,6-Dinitrotoluene	<0.38	*-	0.38	0.026	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Chloronaphthalene	<0.38	*-	0.38	0.028	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Methylnaphthalene	<0.15	*-	0.15	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Nitroaniline	<0.38	*-	0.38	0.041	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
2-Nitrophenol	<0.76		0.76	0.051	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
3 & 4 Methylphenol	<0.38		0.38	0.056	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.062	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
3-Nitroaniline	<0.76		0.76	0.035	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.43	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.052	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Chloro-3-methylphenol	<0.76		0.76	0.030	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Chloroaniline	<1.5		1.5	0.80	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Chlorophenyl phenyl ether	<0.38	*-	0.38	0.10	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Nitroaniline	<0.76	*-	0.76	0.056	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
4-Nitrophenol	<1.5	*-	1.5	0.28	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Acenaphthene	<0.076	*-	0.076	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Acenaphthylene	<0.076	*-	0.076	0.013	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Anthracene	<0.076	*-	0.076	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Benzo[a]anthracene	0.096	*-	0.076	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Benzo[a]pyrene	0.14	*-	0.076	0.073	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Benzo[b]fluoranthene	0.18	*-	0.076	0.072	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Benzo[g,h,i]perylene	0.17	*-	0.076	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Benzo[k]fluoranthene	0.069	J*-	0.076	0.029	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Bis(2-ethylhexyl) phthalate	<0.38	*-	0.38	0.30	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Butyl benzyl phthalate	<0.38	*-	0.38	0.038	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Carbazole	<0.38	*-	0.38	0.030	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Chrysene	0.14	*-	0.076	0.020	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Dibenz(a,h)anthracene	<0.076		0.076	0.076	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Dibenzofuran	<0.38	*-	0.38	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Diethyl phthalate	<0.38	*-	0.38	0.035	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Dimethyl phthalate	<0.38	*-	0.38	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Di-n-butyl phthalate	<0.38	*-	0.38	0.024	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Di-n-octyl phthalate	<0.76	*-	0.76	0.53	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Fluoranthene	0.22	*-	0.076	0.018	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Fluorene	<0.076	*-	0.076	0.022	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Hexachlorobenzene	<0.15		0.15	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Hexachlorobutadiene	<0.38		0.38	0.043	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Hexachlorocyclopentadiene	<1.5	*-	1.5	0.81	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	☼	03/21/24 08:23	03/22/24 12:23	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-30(0-2)-031324

Lab Sample ID: 500-247397-4

Date Collected: 03/13/24 09:30

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.12		0.076	0.074	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Isophorone	<0.38		0.38	0.039	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Naphthalene	<0.076		0.076	0.014	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Nitrobenzene	<0.076		0.076	0.024	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
N-Nitrosodiphenylamine	<0.38	*-	0.38	0.045	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Phenanthrene	0.081	*-	0.076	0.017	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Phenol	<0.38		0.38	0.033	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Pyrene	0.17	*-	0.076	0.021	mg/Kg	✧	03/21/24 08:23	03/22/24 12:23	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		31 - 143				03/21/24 08:23	03/22/24 12:23	2
2-Fluorobiphenyl (Surr)	90		43 - 145				03/21/24 08:23	03/22/24 12:23	2
2-Fluorophenol (Surr)	88		31 - 166				03/21/24 08:23	03/22/24 12:23	2
Nitrobenzene-d5 (Surr)	89		37 - 147				03/21/24 08:23	03/22/24 12:23	2
Phenol-d5 (Surr)	94		30 - 153				03/21/24 08:23	03/22/24 12:23	2
Terphenyl-d14 (Surr)	83		42 - 157				03/21/24 08:23	03/22/24 12:23	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		11	4.5	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Antimony	<1.1		1.1	0.21	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Arsenic	5.7		0.55	0.19	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Barium	110		2.7	0.31	mg/Kg	✧	03/27/24 09:17	03/28/24 20:06	5
Beryllium	0.47		0.22	0.051	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Cadmium	0.20	B	0.11	0.020	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Calcium	120000	B	55	9.3	mg/Kg	✧	03/27/24 09:17	03/28/24 20:06	5
Chromium	11		0.55	0.27	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Cobalt	7.1		0.27	0.072	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Copper	12		0.55	0.15	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Iron	22000		55	28	mg/Kg	✧	03/27/24 09:17	03/28/24 20:06	5
Lead	14		0.27	0.13	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Magnesium	69000	B	27	14	mg/Kg	✧	03/27/24 09:17	03/28/24 20:06	5
Manganese	350		0.55	0.079	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Nickel	17		0.55	0.16	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Potassium	1000		27	9.7	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Selenium	<0.55		0.55	0.32	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Silver	1.5		1.4	0.35	mg/Kg	✧	03/27/24 09:17	03/28/24 20:06	5
Sodium	170	B	55	8.1	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Thallium	<0.55		0.55	0.27	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Vanadium	20		0.27	0.065	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1
Zinc	36		1.1	0.48	mg/Kg	✧	03/27/24 09:17	03/28/24 11:50	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:17	1
Barium	0.40	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:17	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-30(0-2)-031324

Lab Sample ID: 500-247397-4

Date Collected: 03/13/24 09:30

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:17	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:56	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:17	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:56	1
Manganese	4.1		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:31	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:17	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:17	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:56	1
Zinc	0.057	J	0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:17	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Barium	0.069	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:12	1
Chromium	0.015	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Iron	12		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:43	1
Lead	0.011		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:43	1
Manganese	0.082		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:12	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:12	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:43	1
Zinc	0.025	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:12	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:09	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0094	mg/Kg	☼	03/25/24 17:05	03/26/24 09:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			03/20/24 12:14	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-29(0-4)-031324

Lab Sample ID: 500-247397-5

Date Collected: 03/13/24 09:55

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0061	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Bromoform	<0.0014		0.0014	0.00041	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Bromomethane	<0.0035		0.0035	0.0013	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Carbon disulfide	<0.0035		0.0035	0.00073	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Chlorobenzene	<0.0014		0.0014	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Chloroethane	<0.0035		0.0035	0.0010	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Chloroform	<0.0014		0.0014	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Chloromethane	<0.0035		0.0035	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Dibromochloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,1-Dichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,2-Dichloroethane	<0.0035		0.0035	0.0011	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,1-Dichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Ethylbenzene	<0.0014		0.0014	0.00067	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
2-Hexanone	<0.0035		0.0035	0.0011	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Methylene Chloride	<0.0035		0.0035	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Methyl Ethyl Ketone	<0.0035		0.0035	0.0016	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
methyl isobutyl ketone	<0.0035		0.0035	0.0010	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00041	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Styrene	<0.0014		0.0014	0.00042	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00045	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Tetrachloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Toluene	<0.0014		0.0014	0.00035	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00060	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Trichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Vinyl chloride	<0.0014		0.0014	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1
Xylenes, Total	<0.0028		0.0028	0.00045	mg/Kg	☆	03/13/24 18:00	03/15/24 14:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	03/13/24 18:00	03/15/24 14:44	1
Dibromofluoromethane (Surr)	108		75 - 126	03/13/24 18:00	03/15/24 14:44	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	03/13/24 18:00	03/15/24 14:44	1
Toluene-d8 (Surr)	110		75 - 124	03/13/24 18:00	03/15/24 14:44	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-29(0-4)-031324

Lab Sample ID: 500-247397-5

Date Collected: 03/13/24 09:55

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.0

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,4-Dinitrotoluene	<0.19	*-	0.19	0.022	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2,6-Dinitrotoluene	<0.19	*-	0.19	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Chloronaphthalene	<0.19	*-	0.19	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Methylnaphthalene	<0.077	*-	0.077	0.0076	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Nitroaniline	<0.19	*-	0.19	0.020	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Chlorophenyl phenyl ether	<0.19	*-	0.19	0.050	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Nitroaniline	<0.38	*-	0.38	0.028	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
4-Nitrophenol	<0.77	*-	0.77	0.14	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Acenaphthene	<0.038	*-	0.038	0.0077	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Acenaphthylene	<0.038	*-	0.038	0.0064	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Anthracene	<0.038	*-	0.038	0.0078	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Benzo[a]anthracene	<0.038	*-	0.038	0.0081	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Benzo[a]pyrene	<0.038	*-	0.038	0.037	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Benzo[b]fluoranthene	<0.038	*-	0.038	0.036	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0082	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Benzo[k]fluoranthene	<0.038	*-	0.038	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Bis(2-ethylhexyl) phthalate	<0.19	*-	0.19	0.15	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Butyl benzyl phthalate	<0.19	*-	0.19	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Carbazole	<0.19	*-	0.19	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Chrysene	<0.038	*-	0.038	0.010	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Dibenzofuran	<0.19	*-	0.19	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Diethyl phthalate	<0.19	*-	0.19	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Dimethyl phthalate	<0.19	*-	0.19	0.0083	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Di-n-butyl phthalate	<0.19	*-	0.19	0.012	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Di-n-octyl phthalate	<0.38	*-	0.38	0.27	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Fluoranthene	<0.038	*-	0.038	0.0088	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Fluorene	<0.038	*-	0.038	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Hexachlorocyclopentadiene	<0.77	*-	0.77	0.40	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-29(0-4)-031324

Lab Sample ID: 500-247397-5

Date Collected: 03/13/24 09:55

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.0

Method: SW846 8270E - 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	0.037	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
N-Nitrosodiphenylamine	<0.19	*	0.19	0.023	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Phenanthrene	<0.038	*	0.038	0.0083	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1
Pyrene	<0.038	*	0.038	0.010	mg/Kg	☆	03/21/24 08:23	03/21/24 19:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	89		31 - 143	03/21/24 08:23	03/21/24 19:16	1
2-Fluorobiphenyl (Surr)	82		43 - 145	03/21/24 08:23	03/21/24 19:16	1
2-Fluorophenol (Surr)	84		31 - 166	03/21/24 08:23	03/21/24 19:16	1
Nitrobenzene-d5 (Surr)	79		37 - 147	03/21/24 08:23	03/21/24 19:16	1
Phenol-d5 (Surr)	86		30 - 153	03/21/24 08:23	03/21/24 19:16	1
Terphenyl-d14 (Surr)	81		42 - 157	03/21/24 08:23	03/21/24 19:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		11	4.6	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Arsenic	8.3		0.56	0.19	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Barium	110		0.56	0.064	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Beryllium	0.57		0.23	0.053	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Cadmium	0.31	B	0.11	0.020	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Calcium	29000	B	11	1.9	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Chromium	13		0.56	0.28	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Cobalt	11		0.28	0.074	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Copper	15		0.56	0.16	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Iron	17000		11	5.9	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Lead	12		0.28	0.13	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Magnesium	19000	B	5.6	2.8	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Manganese	690		0.56	0.082	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Nickel	24		0.56	0.16	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Potassium	840		28	10	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Selenium	0.35	J	0.56	0.33	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Silver	0.47		0.28	0.073	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Sodium	180	B	56	8.3	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Vanadium	27		0.28	0.066	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1
Zinc	41		1.1	0.49	mg/Kg	☆	03/27/24 09:17	03/28/24 11:54	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:30	1
Barium	0.76	B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 20:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 20:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:30	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-29(0-4)-031324

Lab Sample ID: 500-247397-5

Date Collected: 03/13/24 09:55

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:30	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:00	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:30	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 20:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 20:00	1
Manganese	3.2		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:35	1
Nickel	0.033		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:00	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:30	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:00	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:30	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Barium	0.072	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:16	1
Chromium	0.018	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Copper	0.011	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Iron	12		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:47	1
Lead	0.011		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:47	1
Manganese	0.11		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:16	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:16	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:47	1
Zinc	0.023	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:16	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:11	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.018	0.0093	mg/Kg	☼	03/25/24 17:05	03/26/24 09:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			03/20/24 12:19	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-22(0-4)-031324

Lab Sample ID: 500-247397-6

Date Collected: 03/13/24 10:05

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Benzene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Bromoform	<0.0018		0.0018	0.00051	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Bromomethane	<0.0044		0.0044	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Carbon disulfide	<0.0044		0.0044	0.00092	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Carbon tetrachloride	<0.0018		0.0018	0.00051	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Chlorobenzene	<0.0018		0.0018	0.00065	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Chloroethane	<0.0044		0.0044	0.0013	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Chloroform	<0.0018		0.0018	0.00061	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Chloromethane	<0.0044		0.0044	0.0018	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,1-Dichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,2-Dichloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Ethylbenzene	<0.0018		0.0018	0.00084	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
2-Hexanone	<0.0044		0.0044	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Methylene Chloride	0.0017	J B	0.0044	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
methyl isobutyl ketone	<0.0044		0.0044	0.0013	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Styrene	<0.0018		0.0018	0.00053	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00056	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Tetrachloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Toluene	<0.0018		0.0018	0.00044	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00078	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00076	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Trichloroethene	<0.0018		0.0018	0.00059	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Vinyl chloride	<0.0018		0.0018	0.00078	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1
Xylenes, Total	<0.0035		0.0035	0.00056	mg/Kg	☆	03/13/24 18:00	03/15/24 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	03/13/24 18:00	03/15/24 15:09	1
Dibromofluoromethane (Surr)	102		75 - 126	03/13/24 18:00	03/15/24 15:09	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	03/13/24 18:00	03/15/24 15:09	1
Toluene-d8 (Surr)	111		75 - 124	03/13/24 18:00	03/15/24 15:09	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-22(0-4)-031324

Lab Sample ID: 500-247397-6

Date Collected: 03/13/24 10:05

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.9

Method: SW846 8270E - 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	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,4-Dinitrotoluene	<0.18	*-	0.18	0.021	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2,6-Dinitrotoluene	<0.18	*-	0.18	0.012	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Chloronaphthalene	<0.18	*-	0.18	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Methylnaphthalene	<0.073	*-	0.073	0.0072	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Nitroaniline	<0.18	*-	0.18	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Chlorophenyl phenyl ether	<0.18	*-	0.18	0.047	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Nitroaniline	<0.36	*-	0.36	0.027	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
4-Nitrophenol	<0.73	*-	0.73	0.13	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Acenaphthene	<0.036	*-	0.036	0.0073	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Acenaphthylene	<0.036	*-	0.036	0.0061	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Anthracene	<0.036	*-	0.036	0.0074	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Benzo[a]anthracene	<0.036	*-	0.036	0.0077	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Benzo[a]pyrene	<0.036	*-	0.036	0.035	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Benzo[b]fluoranthene	<0.036	*-	0.036	0.034	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0078	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Benzo[k]fluoranthene	<0.036	*-	0.036	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Bis(2-ethylhexyl) phthalate	<0.18	*-	0.18	0.14	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Butyl benzyl phthalate	<0.18	*-	0.18	0.018	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Carbazole	<0.18	*-	0.18	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Chrysene	<0.036	*-	0.036	0.0095	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Dibenzofuran	<0.18	*-	0.18	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Diethyl phthalate	<0.18	*-	0.18	0.017	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Dimethyl phthalate	<0.18	*-	0.18	0.0078	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Di-n-butyl phthalate	<0.18	*-	0.18	0.011	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Di-n-octyl phthalate	<0.36	*-	0.36	0.25	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Fluoranthene	<0.036	*-	0.036	0.0084	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Fluorene	<0.036	*-	0.036	0.011	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Hexachlorocyclopentadiene	<0.73	*-	0.73	0.38	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	03/21/24 08:23	03/21/24 18:52	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-22(0-4)-031324

Lab Sample ID: 500-247397-6

Date Collected: 03/13/24 10:05

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.0071	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
N-Nitrosodiphenylamine	<0.18	*	0.18	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Pentachlorophenol	<0.73		0.73	0.090	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Phenanthrene	<0.036	*	0.036	0.0079	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1
Pyrene	<0.036	*	0.036	0.0099	mg/Kg	☆	03/21/24 08:23	03/21/24 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		31 - 143	03/21/24 08:23	03/21/24 18:52	1
2-Fluorobiphenyl (Surr)	81		43 - 145	03/21/24 08:23	03/21/24 18:52	1
2-Fluorophenol (Surr)	83		31 - 166	03/21/24 08:23	03/21/24 18:52	1
Nitrobenzene-d5 (Surr)	78		37 - 147	03/21/24 08:23	03/21/24 18:52	1
Phenol-d5 (Surr)	84		30 - 153	03/21/24 08:23	03/21/24 18:52	1
Terphenyl-d14 (Surr)	80		42 - 157	03/21/24 08:23	03/21/24 18:52	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		11	4.5	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Antimony	0.21	J	1.1	0.21	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Arsenic	6.4		0.55	0.19	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Barium	77		0.55	0.063	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Beryllium	0.57		0.22	0.051	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Cadmium	0.18	B	0.11	0.020	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Calcium	60000	B	55	9.3	mg/Kg	☆	03/27/24 09:17	03/28/24 20:10	5
Chromium	13		0.55	0.27	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Cobalt	7.9		0.27	0.072	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Copper	15		0.55	0.15	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Iron	16000		11	5.7	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Lead	13		0.27	0.13	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Magnesium	24000	B	5.5	2.7	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Manganese	280		0.55	0.080	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Nickel	20		0.55	0.16	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Potassium	1100		27	9.7	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Silver	0.64	J	1.4	0.35	mg/Kg	☆	03/27/24 09:17	03/28/24 20:10	5
Sodium	120	B	55	8.1	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Thallium	<0.55		0.55	0.27	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Vanadium	25		0.27	0.065	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1
Zinc	42		1.1	0.48	mg/Kg	☆	03/27/24 09:17	03/28/24 11:57	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:35	1
Barium	0.74	B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 20:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 20:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:35	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-22(0-4)-031324

Lab Sample ID: 500-247397-6

Date Collected: 03/13/24 10:05

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:35	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:04	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:35	1
Iron	1.7		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 20:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 20:04	1
Manganese	0.29		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:39	1
Nickel	0.018	J	0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:35	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:04	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:35	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Barium	0.080	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:20	1
Chromium	0.014	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Iron	11		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:52	1
Lead	0.010		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:52	1
Manganese	0.042		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:20	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:20	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:52	1
Zinc	0.029	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:20	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:13	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0093	mg/Kg	☼	03/25/24 17:05	03/26/24 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			03/20/24 12:21	1

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-24(0-2)-031324

Lab Sample ID: 500-247397-7

Date Collected: 03/13/24 10:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0078	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Bromodichloromethane	<0.0018		0.0018	0.00036	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Bromoform	<0.0018		0.0018	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Carbon disulfide	<0.0045		0.0045	0.00093	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Chlorobenzene	<0.0018		0.0018	0.00066	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Chloroform	<0.0018		0.0018	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Dibromochloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,1-Dichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,1-Dichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Ethylbenzene	<0.0018		0.0018	0.00085	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Methylene Chloride	0.0019	J B	0.0045	0.0018	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Styrene	<0.0018		0.0018	0.00054	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00057	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Toluene	<0.0018		0.0018	0.00045	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00079	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00060	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Trichloroethene	<0.0018		0.0018	0.00060	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Vinyl chloride	<0.0018		0.0018	0.00079	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1
Xylenes, Total	<0.0036		0.0036	0.00057	mg/Kg	☆	03/13/24 18:00	03/15/24 15:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		75 - 131	03/13/24 18:00	03/15/24 15:33	1
Dibromofluoromethane (Surr)	108		75 - 126	03/13/24 18:00	03/15/24 15:33	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/13/24 18:00	03/15/24 15:33	1
Toluene-d8 (Surr)	112		75 - 124	03/13/24 18:00	03/15/24 15:33	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.36		0.36	0.051	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
1,2-Dichlorobenzene	<0.36		0.36	0.029	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
1,3-Dichlorobenzene	<0.36		0.36	0.032	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
1,4-Dichlorobenzene	<0.36		0.36	0.034	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
2,2'-oxybis[1-chloropropane]	<0.36		0.36	0.052	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-24(0-2)-031324

Lab Sample ID: 500-247397-7

Date Collected: 03/13/24 10:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.71		0.71	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,4,6-Trichlorophenol	<0.71		0.71	0.024	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,4-Dichlorophenol	<0.71		0.71	0.025	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,4-Dimethylphenol	<0.71		0.71	0.16	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,4-Dinitrotoluene	<0.36	*-	0.36	0.041	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2,6-Dinitrotoluene	<0.36	*-	0.36	0.024	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Chloronaphthalene	<0.36	*-	0.36	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Chlorophenol	<0.36		0.36	0.023	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Methylnaphthalene	<0.15	*-	0.15	0.014	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Methylphenol	<0.36		0.36	0.038	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Nitroaniline	<0.36	*-	0.36	0.039	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
2-Nitrophenol	<0.71		0.71	0.049	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
3 & 4 Methylphenol	<0.36		0.36	0.053	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
3,3'-Dichlorobenzidine	<0.36		0.36	0.059	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
3-Nitroaniline	<0.71		0.71	0.033	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.40	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Bromophenyl phenyl ether	<0.36		0.36	0.049	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Chloro-3-methylphenol	<0.71		0.71	0.028	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Chloroaniline	<1.5		1.5	0.75	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Chlorophenyl phenyl ether	<0.36	*-	0.36	0.094	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Nitroaniline	<0.71	*-	0.71	0.053	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
4-Nitrophenol	<1.5	*-	1.5	0.27	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Acenaphthene	<0.071	*-	0.071	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Acenaphthylene	<0.071	*-	0.071	0.012	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Anthracene	0.031	J*-	0.071	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Benzo[a]anthracene	0.23	*-	0.071	0.015	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Benzo[a]pyrene	0.38	*-	0.071	0.069	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Benzo[b]fluoranthene	0.46	*-	0.071	0.068	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Benzo[g,h,i]perylene	0.32		0.071	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Benzo[k]fluoranthene	0.17	*-	0.071	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Bis(2-chloroethoxy)methane	<0.36		0.36	0.027	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Bis(2-chloroethyl)ether	<0.36		0.36	0.033	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Bis(2-ethylhexyl) phthalate	<0.36	*-	0.36	0.28	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Butyl benzyl phthalate	<0.36	*-	0.36	0.036	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Carbazole	<0.36	*-	0.36	0.028	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Chrysene	0.34	*-	0.071	0.019	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Dibenz(a,h)anthracene	0.095		0.071	0.071	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Dibenzofuran	<0.36	*-	0.36	0.026	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Diethyl phthalate	<0.36	*-	0.36	0.033	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Dimethyl phthalate	<0.36	*-	0.36	0.016	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Di-n-butyl phthalate	<0.36	*-	0.36	0.023	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Di-n-octyl phthalate	<0.71	*-	0.71	0.50	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Fluoranthene	0.47	*-	0.071	0.017	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Fluorene	<0.071	*-	0.071	0.021	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Hexachlorobutadiene	<0.36		0.36	0.040	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Hexachlorocyclopentadiene	<1.5	*-	1.5	0.76	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2
Hexachloroethane	<0.36		0.36	0.036	mg/Kg	☼	03/21/24 08:23	03/22/24 12:47	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-24(0-2)-031324

Lab Sample ID: 500-247397-7

Date Collected: 03/13/24 10:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.22		0.071	0.070	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Isophorone	<0.36		0.36	0.037	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Naphthalene	<0.071		0.071	0.013	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Nitrobenzene	<0.071		0.071	0.023	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.014	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
N-Nitrosodiphenylamine	<0.36	*	0.36	0.043	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Phenanthrene	0.17	*	0.071	0.016	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Phenol	<0.36		0.36	0.031	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Pyrene	0.50	*	0.071	0.020	mg/Kg	☆	03/21/24 08:23	03/22/24 12:47	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143				03/21/24 08:23	03/22/24 12:47	2
2-Fluorobiphenyl (Surr)	81		43 - 145				03/21/24 08:23	03/22/24 12:47	2
2-Fluorophenol (Surr)	82		31 - 166				03/21/24 08:23	03/22/24 12:47	2
Nitrobenzene-d5 (Surr)	83		37 - 147				03/21/24 08:23	03/22/24 12:47	2
Phenol-d5 (Surr)	83		30 - 153				03/21/24 08:23	03/22/24 12:47	2
Terphenyl-d14 (Surr)	73		42 - 157				03/21/24 08:23	03/22/24 12:47	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2300		11	4.4	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Arsenic	2.4		0.54	0.19	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Barium	16		2.7	0.31	mg/Kg	☆	03/27/24 09:17	03/28/24 20:14	5
Beryllium	0.22		0.22	0.051	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Cadmium	0.19	B	0.11	0.020	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Calcium	150000	B	54	9.2	mg/Kg	☆	03/27/24 09:17	03/28/24 20:14	5
Chromium	4.9		0.54	0.27	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Cobalt	2.8		0.27	0.071	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Copper	6.6		0.54	0.15	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Iron	7400		54	28	mg/Kg	☆	03/27/24 09:17	03/28/24 20:14	5
Lead	7.3		0.27	0.13	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Magnesium	94000	B	27	13	mg/Kg	☆	03/27/24 09:17	03/28/24 20:14	5
Manganese	270		0.54	0.079	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Nickel	8.2		0.54	0.16	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Potassium	880		27	9.6	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Selenium	0.47	J	0.54	0.32	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Silver	2.0		1.4	0.35	mg/Kg	☆	03/27/24 09:17	03/28/24 20:14	5
Sodium	130	B	54	8.0	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Vanadium	13		0.27	0.064	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1
Zinc	22		1.1	0.48	mg/Kg	☆	03/27/24 09:17	03/28/24 12:01	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:39	1
Barium	0.29	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 20:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 20:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:39	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-24(0-2)-031324

Lab Sample ID: 500-247397-7

Date Collected: 03/13/24 10:20

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:39	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:07	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:39	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 20:07	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 20:07	1
Manganese	1.3		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:44	1
Nickel	0.010	J	0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:07	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:39	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 20:07	1
Zinc	0.10	J	0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:24	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:24	1
Chromium	0.012	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Iron	9.8		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:56	1
Lead	0.0097		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:56	1
Manganese	0.076		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:24	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:24	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:56	1
Zinc	0.030	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:24	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:15	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0090	mg/Kg	☼	03/25/24 17:05	03/26/24 09:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			03/20/24 12:23	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-26(0-2)-031324

Lab Sample ID: 500-247397-8

Date Collected: 03/13/24 10:25

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0066	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Ethylbenzene	<0.0015		0.0015	0.00073	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1
Xylenes, Total	<0.0030		0.0030	0.00048	mg/Kg	☆	03/13/24 18:00	03/15/24 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		75 - 131	03/13/24 18:00	03/15/24 15:58	1
Dibromofluoromethane (Surr)	108		75 - 126	03/13/24 18:00	03/15/24 15:58	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	03/13/24 18:00	03/15/24 15:58	1
Toluene-d8 (Surr)	112		75 - 124	03/13/24 18:00	03/15/24 15:58	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.35		0.35	0.050	mg/Kg	☆	03/24/24 16:00	03/25/24 11:44	2
1,2-Dichlorobenzene	<0.35		0.35	0.029	mg/Kg	☆	03/24/24 16:00	03/25/24 11:44	2
1,3-Dichlorobenzene	<0.35		0.35	0.032	mg/Kg	☆	03/24/24 16:00	03/25/24 11:44	2
1,4-Dichlorobenzene	<0.35		0.35	0.033	mg/Kg	☆	03/24/24 16:00	03/25/24 11:44	2
2,2'-oxybis[1-chloropropane]	<0.35		0.35	0.050	mg/Kg	☆	03/24/24 16:00	03/25/24 11:44	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-26(0-2)-031324

Lab Sample ID: 500-247397-8

Date Collected: 03/13/24 10:25

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.70		0.70	0.027	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,4,6-Trichlorophenol	<0.70		0.70	0.024	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,4-Dichlorophenol	<0.70		0.70	0.025	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,4-Dimethylphenol	<0.70		0.70	0.16	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,4-Dinitrophenol	<1.4		1.4	0.41	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,4-Dinitrotoluene	<0.35		0.35	0.040	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2,6-Dinitrotoluene	<0.35		0.35	0.024	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Chloronaphthalene	<0.35		0.35	0.026	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Chlorophenol	<0.35		0.35	0.023	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Methylnaphthalene	<0.14		0.14	0.014	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Methylphenol	<0.35		0.35	0.037	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Nitroaniline	<0.35		0.35	0.038	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
2-Nitrophenol	<0.70		0.70	0.048	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
3 & 4 Methylphenol	<0.35		0.35	0.052	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
3,3'-Dichlorobenzidine	<0.35		0.35	0.057	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
3-Nitroaniline	<0.70		0.70	0.032	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4,6-Dinitro-2-methylphenol	<1.4		1.4	0.40	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Bromophenyl phenyl ether	<0.35		0.35	0.048	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Chloro-3-methylphenol	<0.70		0.70	0.027	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Chloroaniline	<1.4		1.4	0.74	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Chlorophenyl phenyl ether	<0.35		0.35	0.092	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Nitroaniline	<0.70		0.70	0.052	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
4-Nitrophenol	<1.4		1.4	0.26	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Acenaphthene	0.016	J	0.070	0.014	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Acenaphthylene	<0.070		0.070	0.012	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Anthracene	0.11		0.070	0.014	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Benzo[a]anthracene	0.41		0.070	0.015	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Benzo[a]pyrene	0.48		0.070	0.068	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Benzo[b]fluoranthene	0.56		0.070	0.067	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Benzo[g,h,i]perylene	0.43		0.070	0.015	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Benzo[k]fluoranthene	0.25		0.070	0.027	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Bis(2-chloroethoxy)methane	<0.35		0.35	0.026	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Bis(2-chloroethyl)ether	<0.35		0.35	0.032	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Bis(2-ethylhexyl) phthalate	<0.35		0.35	0.28	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Butyl benzyl phthalate	<0.35		0.35	0.035	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Carbazole	<0.35		0.35	0.028	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Chrysene	0.51		0.070	0.019	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Dibenz(a,h)anthracene	0.11		0.070	0.070	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Dibenzofuran	<0.35		0.35	0.025	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Diethyl phthalate	<0.35		0.35	0.032	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Dimethyl phthalate	<0.35		0.35	0.015	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Di-n-butyl phthalate	<0.35		0.35	0.022	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Di-n-octyl phthalate	<0.70		0.70	0.49	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Fluoranthene	1.0		0.070	0.016	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Fluorene	<0.070		0.070	0.021	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Hexachlorobenzene	<0.14		0.14	0.013	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Hexachlorobutadiene	<0.35		0.35	0.040	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Hexachlorocyclopentadiene	<1.4		1.4	0.75	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2
Hexachloroethane	<0.35		0.35	0.035	mg/Kg	☼	03/24/24 16:00	03/25/24 11:44	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-26(0-2)-031324

Lab Sample ID: 500-247397-8

Date Collected: 03/13/24 10:25

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.37		0.070	0.068	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Isophorone	<0.35		0.35	0.036	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Naphthalene	<0.070		0.070	0.013	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Nitrobenzene	<0.070		0.070	0.022	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
N-Nitrosodi-n-propylamine	<0.14		0.14	0.014	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
N-Nitrosodiphenylamine	<0.35		0.35	0.042	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Pentachlorophenol	<1.4		1.4	0.18	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Phenanthrene	0.41		0.070	0.015	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Phenol	<0.35		0.35	0.031	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Pyrene	0.73		0.070	0.019	mg/Kg	✳	03/24/24 16:00	03/25/24 11:44	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143				03/24/24 16:00	03/25/24 11:44	2
2-Fluorobiphenyl (Surr)	59		43 - 145				03/24/24 16:00	03/25/24 11:44	2
2-Fluorophenol (Surr)	58		31 - 166				03/24/24 16:00	03/25/24 11:44	2
Nitrobenzene-d5 (Surr)	57		37 - 147				03/24/24 16:00	03/25/24 11:44	2
Phenol-d5 (Surr)	63		30 - 153				03/24/24 16:00	03/25/24 11:44	2
Terphenyl-d14 (Surr)	52		42 - 157				03/24/24 16:00	03/25/24 11:44	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		10	4.2	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Antimony	<1.0		1.0	0.20	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Arsenic	3.3		0.51	0.17	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Barium	20		2.6	0.29	mg/Kg	✳	03/27/24 09:17	03/28/24 20:17	5
Beryllium	0.25		0.20	0.048	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Cadmium	0.19	B	0.10	0.018	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Calcium	170000	B	51	8.7	mg/Kg	✳	03/27/24 09:17	03/28/24 20:17	5
Chromium	5.3		0.51	0.25	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Cobalt	3.8		0.26	0.067	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Copper	7.0		0.51	0.14	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Iron	14000		51	27	mg/Kg	✳	03/27/24 09:17	03/28/24 20:17	5
Lead	9.4		0.26	0.12	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Magnesium	100000	B	26	13	mg/Kg	✳	03/27/24 09:17	03/28/24 20:17	5
Manganese	260		0.51	0.074	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Nickel	8.5		0.51	0.15	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Potassium	900		26	9.1	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Selenium	<0.51		0.51	0.30	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Silver	2.2		1.3	0.33	mg/Kg	✳	03/27/24 09:17	03/28/24 20:17	5
Sodium	130	B	51	7.6	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Thallium	<0.51		0.51	0.26	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Vanadium	10		0.26	0.060	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1
Zinc	25		1.0	0.45	mg/Kg	✳	03/27/24 09:17	03/28/24 12:04	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Barium	0.14	J	0.50	0.050	mg/L		04/02/24 07:58	04/02/24 20:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		04/02/24 07:58	04/02/24 20:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		04/02/24 07:58	04/02/24 20:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-26(0-2)-031324

Lab Sample ID: 500-247397-8

Date Collected: 03/13/24 10:25

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 90.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Cobalt	<0.025	^+	0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Copper	<0.025		0.025	0.010	mg/L		04/02/24 07:58	04/03/24 12:37	1
Iron	0.27	J	0.40	0.20	mg/L		04/02/24 07:58	04/02/24 20:48	1
Lead	<0.0075	^+	0.0075	0.0075	mg/L		04/02/24 07:58	04/02/24 20:48	1
Manganese	1.1		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Nickel	<0.025		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Selenium	<0.050		0.050	0.020	mg/L		04/02/24 07:58	04/02/24 20:48	1
Silver	<0.025		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:48	1
Zinc	0.031	J ^+	0.50	0.020	mg/L		04/02/24 07:58	04/02/24 20:48	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Barium	<0.50		0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:28	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:28	1
Chromium	0.011	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Iron	7.2		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 17:00	1
Lead	0.0084		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 17:00	1
Manganese	0.056		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:28	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:28	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 17:00	1
Zinc	0.024	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:28	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/28/24 11:25	03/29/24 13:01	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0091	mg/Kg	☼	03/25/24 17:05	03/26/24 09:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			03/20/24 12:25	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

1

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Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 500-247397-1

Login Number: 247397

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 3/28/2024 10:10:59 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247300-1

Eurofins Chicago

Job Notes

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Authorization



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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-8(0-4)-031124

Lab Sample ID: 500-247300-1

Date Collected: 03/11/24 08:45

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Carbon disulfide	<0.0042		0.0042	0.00087	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Ethylbenzene	<0.0017		0.0017	0.00080	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Methylene Chloride	0.0078	B	0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Toluene	<0.0017		0.0017	0.00042	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00074	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00056	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Vinyl chloride	<0.0017	+	0.0017	0.00074	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☆	03/12/24 18:23	03/13/24 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/12/24 18:23	03/13/24 19:12	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/13/24 19:12	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	03/12/24 18:23	03/13/24 19:12	1
Toluene-d8 (Surr)	102		75 - 124	03/12/24 18:23	03/13/24 19:12	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.38		0.38	0.053	mg/Kg	☆	03/20/24 07:38	03/20/24 15:37	2
1,2-Dichlorobenzene	<0.38		0.38	0.030	mg/Kg	☆	03/20/24 07:38	03/20/24 15:37	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☆	03/20/24 07:38	03/20/24 15:37	2
1,4-Dichlorobenzene	<0.38		0.38	0.035	mg/Kg	☆	03/20/24 07:38	03/20/24 15:37	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☆	03/20/24 07:38	03/20/24 15:37	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-8(0-4)-031124

Lab Sample ID: 500-247300-1

Date Collected: 03/11/24 08:45

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.74		0.74	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,4,6-Trichlorophenol	<0.74		0.74	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,4-Dichlorophenol	<0.74		0.74	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,4-Dimethylphenol	<0.74		0.74	0.17	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,4-Dinitrophenol	<1.5		1.5	0.43	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2,6-Dinitrotoluene	<0.38		0.38	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Nitroaniline	<0.38		0.38	0.040	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
2-Nitrophenol	<0.74		0.74	0.051	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
3 & 4 Methylphenol	<0.38		0.38	0.055	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.061	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
3-Nitroaniline	<0.74		0.74	0.034	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.42	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.051	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Chloro-3-methylphenol	<0.74		0.74	0.029	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Chloroaniline	<1.5		1.5	0.79	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.098	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Nitroaniline	<0.74		0.74	0.055	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
4-Nitrophenol	<1.5		1.5	0.28	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Acenaphthene	<0.074		0.074	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Acenaphthylene	<0.074		0.074	0.013	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Anthracene	<0.074		0.074	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Benzo[a]anthracene	0.074		0.074	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Benzo[a]pyrene	0.16	*3	0.074	0.072	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Benzo[b]fluoranthene	0.18	*3	0.074	0.071	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Benzo[g,h,i]perylene	0.14	*3	0.074	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Benzo[k]fluoranthene	0.058	J *3	0.074	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.29	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Butyl benzyl phthalate	<0.38		0.38	0.037	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Carbazole	<0.38		0.38	0.030	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Chrysene	0.089		0.074	0.020	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Dibenz(a,h)anthracene	<0.074	*3	0.074	0.074	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Dibenzofuran	<0.38		0.38	0.027	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Diethyl phthalate	<0.38		0.38	0.034	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Dimethyl phthalate	<0.38		0.38	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Di-n-octyl phthalate	<0.74		0.74	0.52	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Fluoranthene	0.15		0.074	0.017	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Fluorene	<0.074		0.074	0.022	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Hexachlorobutadiene	<0.38		0.38	0.042	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Hexachlorocyclopentadiene	<1.5		1.5	0.79	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Hexachloroethane	<0.38		0.38	0.037	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-8(0-4)-031124

Lab Sample ID: 500-247300-1

Date Collected: 03/11/24 08:45

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.11	*3	0.074	0.073	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Isophorone	<0.38		0.38	0.039	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Naphthalene	<0.074		0.074	0.014	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Nitrobenzene	<0.074		0.074	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
N-Nitrosodiphenylamine	<0.38		0.38	0.044	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Phenanthrene	0.050	J	0.074	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Phenol	<0.38		0.38	0.033	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2
Pyrene	0.12		0.074	0.020	mg/Kg	✳	03/20/24 07:38	03/20/24 15:37	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	116		31 - 143	03/20/24 07:38	03/20/24 15:37	2
2-Fluorobiphenyl (Surr)	82		43 - 145	03/20/24 07:38	03/20/24 15:37	2
2-Fluorophenol (Surr)	68		31 - 166	03/20/24 07:38	03/20/24 15:37	2
Nitrobenzene-d5 (Surr)	68		37 - 147	03/20/24 07:38	03/20/24 15:37	2
Phenol-d5 (Surr)	68		30 - 153	03/20/24 07:38	03/20/24 15:37	2
Terphenyl-d14 (Surr)	92		42 - 157	03/20/24 07:38	03/20/24 15:37	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4500		11	4.5	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Antimony	<1.1	F1	1.1	0.22	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Arsenic	6.6		0.55	0.19	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Barium	27		2.8	0.32	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Beryllium	0.30		0.22	0.052	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Cadmium	0.14	B	0.11	0.020	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Calcium	88000	B	55	9.4	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Chromium	8.8	F1	0.55	0.27	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Cobalt	7.8		0.28	0.072	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Copper	21		2.8	0.77	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Iron	14000		55	29	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Lead	15	F1	1.4	0.64	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Magnesium	51000	B	28	14	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Manganese	290	F2	0.55	0.080	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Nickel	17		0.55	0.16	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Potassium	890	F1	28	9.8	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Selenium	<0.55	F1	0.55	0.33	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Silver	<0.28		0.28	0.071	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Sodium	240	B	55	8.2	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Thallium	<0.55	F1	0.55	0.28	mg/Kg	✳	03/15/24 09:25	03/23/24 02:30	1
Vanadium	18		1.4	0.33	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5
Zinc	54		5.5	2.4	mg/Kg	✳	03/15/24 09:25	03/25/24 19:47	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 14:47	1
Barium	0.46	J	0.50	0.050	mg/L		03/21/24 08:32	03/25/24 14:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:15	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 14:47	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-8(0-4)-031124

Lab Sample ID: 500-247300-1

Date Collected: 03/11/24 08:45

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.7

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:47	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:15	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:47	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:15	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:15	1
Manganese	0.36		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:15	1
Nickel	0.013	J	0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:47	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 14:47	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:15	1
Zinc	0.021	J	0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:15	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.024	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:16	1
Barium	0.26	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:16	1
Chromium	0.062		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:16	1
Cobalt	0.013	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:16	1
Copper	0.056		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:16	1
Iron	54		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:16	1
Lead	0.087		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:35	1
Manganese	0.53		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:35	1
Nickel	0.053		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:16	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:16	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:35	1
Zinc	0.27	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:16	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:08	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.017	0.0090	mg/Kg	☼	03/21/24 16:30	03/22/24 10:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/15/24 19:37	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-7(0-4)-031124

Lab Sample ID: 500-247300-2

Date Collected: 03/11/24 08:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 54.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.027		0.027	0.012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Benzene	<0.0027		0.0027	0.00068	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Bromodichloromethane	<0.0027		0.0027	0.00055	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Bromoform	<0.0027		0.0027	0.00078	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Bromomethane	<0.0067		0.0067	0.0025	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Carbon disulfide	<0.0067		0.0067	0.0014	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Carbon tetrachloride	<0.0027		0.0027	0.00078	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Chlorobenzene	<0.0027		0.0027	0.00099	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Chloroethane	<0.0067		0.0067	0.0020	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Chloroform	<0.0027		0.0027	0.00093	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Chloromethane	<0.0067		0.0067	0.0027	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
cis-1,2-Dichloroethene	<0.0027		0.0027	0.00075	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
cis-1,3-Dichloropropene	<0.0027		0.0027	0.00081	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Dibromochloromethane	<0.0027		0.0027	0.00088	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,1-Dichloroethane	<0.0027		0.0027	0.00092	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,2-Dichloroethane	<0.0067		0.0067	0.0021	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,1-Dichloroethene	<0.0027		0.0027	0.00092	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,2-Dichloropropane	<0.0027		0.0027	0.00069	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,3-Dichloropropene, Total	<0.0027		0.0027	0.00094	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Ethylbenzene	<0.0027		0.0027	0.0013	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
2-Hexanone	<0.0067		0.0067	0.0021	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Methylene Chloride	0.013	B	0.0067	0.0026	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Methyl Ethyl Ketone	<0.0067		0.0067	0.0030	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
methyl isobutyl ketone	<0.0067		0.0067	0.0020	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Methyl tert-butyl ether	<0.0027		0.0027	0.00079	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Styrene	<0.0027		0.0027	0.00081	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,1,2,2-Tetrachloroethane	<0.0027		0.0027	0.00086	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Tetrachloroethene	<0.0027		0.0027	0.00091	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Toluene	<0.0027		0.0027	0.00068	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
trans-1,2-Dichloroethene	<0.0027		0.0027	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
trans-1,3-Dichloropropene	<0.0027		0.0027	0.00094	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,1,1-Trichloroethane	<0.0027		0.0027	0.00090	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
1,1,2-Trichloroethane	<0.0027		0.0027	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Trichloroethene	<0.0027		0.0027	0.00091	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Vinyl chloride	<0.0027	+	0.0027	0.0012	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1
Xylenes, Total	<0.0054		0.0054	0.00086	mg/Kg	☆	03/12/24 18:23	03/13/24 19:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		75 - 131	03/12/24 18:23	03/13/24 19:36	1
Dibromofluoromethane (Surr)	108		75 - 126	03/12/24 18:23	03/13/24 19:36	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	03/12/24 18:23	03/13/24 19:36	1
Toluene-d8 (Surr)	104		75 - 124	03/12/24 18:23	03/13/24 19:36	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.30		0.30	0.043	mg/Kg	☆	03/20/24 07:38	03/21/24 14:01	1
1,2-Dichlorobenzene	<0.30		0.30	0.025	mg/Kg	☆	03/20/24 07:38	03/21/24 14:01	1
1,3-Dichlorobenzene	<0.30		0.30	0.027	mg/Kg	☆	03/20/24 07:38	03/21/24 14:01	1
1,4-Dichlorobenzene	<0.30		0.30	0.029	mg/Kg	☆	03/20/24 07:38	03/21/24 14:01	1
2,2'-oxybis[1-chloropropane]	<0.30		0.30	0.043	mg/Kg	☆	03/20/24 07:38	03/21/24 14:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-7(0-4)-031124

Lab Sample ID: 500-247300-2

Date Collected: 03/11/24 08:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 54.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.60		0.60	0.023	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,4,6-Trichlorophenol	<0.60		0.60	0.021	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,4-Dichlorophenol	<0.60		0.60	0.021	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,4-Dimethylphenol	<0.60		0.60	0.14	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,4-Dinitrophenol	<1.2		1.2	0.35	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,4-Dinitrotoluene	<0.30		0.30	0.034	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2,6-Dinitrotoluene	<0.30		0.30	0.021	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Chloronaphthalene	<0.30		0.30	0.023	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Chlorophenol	<0.30		0.30	0.019	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Methylnaphthalene	<0.12		0.12	0.012	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Methylphenol	<0.30		0.30	0.032	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Nitroaniline	<0.30		0.30	0.032	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
2-Nitrophenol	<0.60		0.60	0.041	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
3 & 4 Methylphenol	<0.30		0.30	0.044	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
3,3'-Dichlorobenzidine	<0.30		0.30	0.049	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
3-Nitroaniline	<0.60		0.60	0.027	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4,6-Dinitro-2-methylphenol	<1.2		1.2	0.34	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Bromophenyl phenyl ether	<0.30		0.30	0.041	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Chloro-3-methylphenol	<0.60		0.60	0.023	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Chloroaniline	<1.2		1.2	0.63	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Chlorophenyl phenyl ether	<0.30		0.30	0.079	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Nitroaniline	<0.60		0.60	0.045	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
4-Nitrophenol	<1.2		1.2	0.22	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Acenaphthene	<0.060		0.060	0.012	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Acenaphthylene	<0.060		0.060	0.010	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Anthracene	<0.060		0.060	0.012	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Benzo[a]anthracene	<0.060		0.060	0.013	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Benzo[a]pyrene	0.092		0.060	0.058	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Benzo[b]fluoranthene	<0.060		0.060	0.057	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Benzo[g,h,i]perylene	0.15		0.060	0.013	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Benzo[k]fluoranthene	<0.060		0.060	0.023	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Bis(2-chloroethoxy)methane	<0.30		0.30	0.023	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Bis(2-chloroethyl)ether	<0.30		0.30	0.028	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Bis(2-ethylhexyl) phthalate	<0.30		0.30	0.24	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Butyl benzyl phthalate	<0.30		0.30	0.030	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Carbazole	<0.30		0.30	0.024	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Chrysene	<0.060		0.060	0.016	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Dibenz(a,h)anthracene	<0.060		0.060	0.060	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Dibenzofuran	<0.30		0.30	0.021	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Diethyl phthalate	<0.30		0.30	0.028	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Dimethyl phthalate	<0.30		0.30	0.013	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Di-n-butyl phthalate	<0.30		0.30	0.019	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Di-n-octyl phthalate	<0.60		0.60	0.42	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Fluoranthene	<0.060		0.060	0.014	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Fluorene	<0.060		0.060	0.018	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Hexachlorobenzene	<0.12		0.12	0.012	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Hexachlorobutadiene	<0.30		0.30	0.034	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Hexachlorocyclopentadiene	<1.2		1.2	0.64	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1
Hexachloroethane	<0.30		0.30	0.030	mg/Kg	☼	03/20/24 07:38	03/21/24 14:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-7(0-4)-031124

Lab Sample ID: 500-247300-2

Date Collected: 03/11/24 08:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 54.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.060		0.060	0.059	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Isophorone	<0.30		0.30	0.031	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Naphthalene	<0.060		0.060	0.011	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Nitrobenzene	<0.060		0.060	0.019	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
N-Nitrosodi-n-propylamine	<0.12		0.12	0.012	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
N-Nitrosodiphenylamine	<0.30		0.30	0.036	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Pentachlorophenol	<1.2		1.2	0.15	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Phenanthrene	<0.060		0.060	0.013	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Phenol	<0.30		0.30	0.026	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1
Pyrene	0.017	J	0.060	0.016	mg/Kg	✳	03/20/24 07:38	03/21/24 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	03/20/24 07:38	03/21/24 14:01	1
2-Fluorobiphenyl (Surr)	82		43 - 145	03/20/24 07:38	03/21/24 14:01	1
2-Fluorophenol (Surr)	82		31 - 166	03/20/24 07:38	03/21/24 14:01	1
Nitrobenzene-d5 (Surr)	90		37 - 147	03/20/24 07:38	03/21/24 14:01	1
Phenol-d5 (Surr)	76		30 - 153	03/20/24 07:38	03/21/24 14:01	1
Terphenyl-d14 (Surr)	92		42 - 157	03/20/24 07:38	03/21/24 14:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8100		18	7.3	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Antimony	<1.8		1.8	0.35	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Arsenic	13		0.90	0.31	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Barium	49		0.90	0.10	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Beryllium	0.54		0.36	0.084	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Cadmium	0.20	B	0.18	0.032	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Calcium	120000	B	90	15	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5
Chromium	14		0.90	0.44	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Cobalt	11		0.45	0.12	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Copper	40		4.5	1.3	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5
Iron	19000		18	9.3	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Lead	20		2.2	1.0	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5
Magnesium	68000	B	45	22	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5
Manganese	580		0.90	0.13	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Nickel	38		0.90	0.26	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Potassium	1100		45	16	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Selenium	<0.90		0.90	0.53	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Silver	<0.45		0.45	0.12	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Sodium	370	B	90	13	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Thallium	<0.90		0.90	0.45	mg/Kg	✳	03/15/24 09:25	03/23/24 02:59	1
Vanadium	31		2.2	0.53	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5
Zinc	83		9.0	3.9	mg/Kg	✳	03/15/24 09:25	03/25/24 20:05	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 14:51	1
Barium	0.44	J	0.50	0.050	mg/L		03/21/24 08:32	03/25/24 14:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 14:51	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-7(0-4)-031124

Lab Sample ID: 500-247300-2

Date Collected: 03/11/24 08:55

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 54.2

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:51	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:27	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:51	1
Iron	0.21	J	0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:27	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:27	1
Manganese	0.52		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:27	1
Nickel	0.011	J	0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:51	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 14:51	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:27	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:27	1

Method: SW846 6010D - 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		03/20/24 16:27	03/22/24 01:20	1
Barium	0.065	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:20	1
Chromium	0.020	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:20	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:20	1
Copper	0.031		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:20	1
Iron	22		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:20	1
Lead	0.019		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:39	1
Manganese	0.26		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:39	1
Nickel	0.019	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:20	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:20	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:39	1
Zinc	0.086	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:20	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:11	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022	J	0.028	0.015	mg/Kg	☼	03/21/24 16:30	03/22/24 10:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			03/15/24 19:42	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-6(0-4)-031124

Lab Sample ID: 500-247300-3

Date Collected: 03/11/24 09:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0079	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Benzene	<0.0018		0.0018	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Bromodichloromethane	<0.0018		0.0018	0.00037	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Bromoform	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Bromomethane	<0.0045		0.0045	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Carbon disulfide	<0.0045		0.0045	0.00094	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Carbon tetrachloride	<0.0018		0.0018	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Chlorobenzene	<0.0018		0.0018	0.00067	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Chloroethane	<0.0045		0.0045	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Chloroform	<0.0018		0.0018	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Chloromethane	<0.0045		0.0045	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Dibromochloromethane	<0.0018		0.0018	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,1-Dichloroethane	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,2-Dichloroethane	<0.0045		0.0045	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,1-Dichloroethene	<0.0018		0.0018	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Ethylbenzene	<0.0018		0.0018	0.00086	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
2-Hexanone	<0.0045		0.0045	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Methylene Chloride	0.0018	J B	0.0045	0.0018	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
methyl isobutyl ketone	<0.0045		0.0045	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Styrene	<0.0018		0.0018	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Tetrachloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Toluene	<0.0018		0.0018	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00080	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00077	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Trichloroethene	<0.0018		0.0018	0.00061	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Vinyl chloride	<0.0018		0.0018	0.00080	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1
Xylenes, Total	<0.0036		0.0036	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 11:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	03/12/24 18:23	03/14/24 11:13	1
Dibromofluoromethane (Surr)	109		75 - 126	03/12/24 18:23	03/14/24 11:13	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	03/12/24 18:23	03/14/24 11:13	1
Toluene-d8 (Surr)	113		75 - 124	03/12/24 18:23	03/14/24 11:13	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☆	03/20/24 07:38	03/20/24 16:27	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☆	03/20/24 07:38	03/20/24 16:27	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☆	03/20/24 07:38	03/20/24 16:27	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☆	03/20/24 07:38	03/20/24 16:27	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.055	mg/Kg	☆	03/20/24 07:38	03/20/24 16:27	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-6(0-4)-031124

Lab Sample ID: 500-247300-3

Date Collected: 03/11/24 09:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.76		0.76	0.029	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,4,6-Trichlorophenol	<0.76		0.76	0.026	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,4-Dichlorophenol	<0.76		0.76	0.027	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,4-Dimethylphenol	<0.76		0.76	0.17	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,4-Dinitrophenol	<1.5		1.5	0.44	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2,6-Dinitrotoluene	<0.38		0.38	0.026	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Chlorophenol	<0.38		0.38	0.025	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Nitroaniline	<0.38		0.38	0.041	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
2-Nitrophenol	<0.76		0.76	0.052	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
3 & 4 Methylphenol	<0.38		0.38	0.056	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.062	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
3-Nitroaniline	<0.76		0.76	0.035	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.43	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.052	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Chloro-3-methylphenol	<0.76		0.76	0.030	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Chloroaniline	<1.5		1.5	0.80	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.10	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Nitroaniline	<0.76		0.76	0.056	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
4-Nitrophenol	<1.5		1.5	0.28	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Acenaphthene	<0.076		0.076	0.015	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Acenaphthylene	<0.076		0.076	0.013	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Anthracene	0.024	J	0.076	0.016	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Benzo[a]anthracene	0.15		0.076	0.016	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Benzo[a]pyrene	0.22	*3	0.076	0.073	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Benzo[b]fluoranthene	0.32	*3	0.076	0.073	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Benzo[g,h,i]perylene	0.20	*3	0.076	0.017	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Benzo[k]fluoranthene	0.11	*3	0.076	0.029	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.30	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Butyl benzyl phthalate	<0.38		0.38	0.038	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Carbazole	<0.38		0.38	0.030	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Chrysene	0.19		0.076	0.020	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Dibenz(a,h)anthracene	<0.076	*3	0.076	0.076	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Dibenzofuran	<0.38		0.38	0.027	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Diethyl phthalate	<0.38		0.38	0.035	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Dimethyl phthalate	<0.38		0.38	0.017	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Di-n-octyl phthalate	<0.76		0.76	0.53	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Fluoranthene	0.40		0.076	0.018	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Fluorene	<0.076		0.076	0.023	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Hexachlorobenzene	<0.15		0.15	0.015	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Hexachlorobutadiene	<0.38		0.38	0.043	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Hexachlorocyclopentadiene	<1.5		1.5	0.81	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	☼	03/20/24 07:38	03/20/24 16:27	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-6(0-4)-031124

Lab Sample ID: 500-247300-3

Date Collected: 03/11/24 09:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.16	*3	0.076	0.074	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Isophorone	<0.38		0.38	0.039	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Naphthalene	<0.076		0.076	0.014	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Nitrobenzene	<0.076		0.076	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
N-Nitrosodiphenylamine	<0.38		0.38	0.045	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Phenanthrene	0.17		0.076	0.017	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Phenol	<0.38		0.38	0.033	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Pyrene	0.29		0.076	0.021	mg/Kg	✳	03/20/24 07:38	03/20/24 16:27	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	110		31 - 143				03/20/24 07:38	03/20/24 16:27	2
2-Fluorobiphenyl (Surr)	75		43 - 145				03/20/24 07:38	03/20/24 16:27	2
2-Fluorophenol (Surr)	68		31 - 166				03/20/24 07:38	03/20/24 16:27	2
Nitrobenzene-d5 (Surr)	65		37 - 147				03/20/24 07:38	03/20/24 16:27	2
Phenol-d5 (Surr)	69		30 - 153				03/20/24 07:38	03/20/24 16:27	2
Terphenyl-d14 (Surr)	87		42 - 157				03/20/24 07:38	03/20/24 16:27	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4100		11	4.6	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Antimony	<1.1		1.1	0.22	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Arsenic	4.9		0.56	0.19	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Barium	80		2.8	0.32	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Beryllium	0.26		0.22	0.052	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Cadmium	0.48	B	0.11	0.020	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Calcium	130000	B	56	9.4	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Chromium	11		0.56	0.28	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Cobalt	4.9		0.28	0.073	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Copper	14		2.8	0.78	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Iron	11000		56	29	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Lead	17		1.4	0.64	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Magnesium	60000	B	28	14	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Manganese	360		0.56	0.081	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Nickel	11		0.56	0.16	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Potassium	700		28	9.9	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Silver	<0.28		0.28	0.072	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Sodium	350	B	56	8.2	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/15/24 09:25	03/23/24 03:04	1
Vanadium	17		1.4	0.33	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5
Zinc	100		5.6	2.4	mg/Kg	✳	03/15/24 09:25	03/25/24 20:08	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 14:55	1
Barium	0.56		0.50	0.050	mg/L		03/21/24 08:32	03/25/24 14:55	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 14:55	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-6(0-4)-031124

Lab Sample ID: 500-247300-3

Date Collected: 03/11/24 09:05

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 85.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:55	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:30	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:55	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:30	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:30	1
Manganese	0.16		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:30	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:55	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 14:55	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:30	1
Zinc	0.060	J	0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:30	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.017	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:24	1
Barium	0.30	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:24	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:24	1
Chromium	0.060		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:24	1
Cobalt	0.011	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:24	1
Copper	0.046		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:24	1
Iron	48		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:24	1
Lead	0.081		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:43	1
Manganese	0.52		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:43	1
Nickel	0.040		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:24	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:24	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:43	1
Zinc	0.32	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:24	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:13	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:42	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0092	mg/Kg	☼	03/21/24 16:30	03/22/24 10:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			03/15/24 19:45	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-5(0-4)-031124

Lab Sample ID: 500-247300-4

Date Collected: 03/11/24 09:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 86.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0074	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Bromodichloromethane	<0.0017		0.0017	0.00035	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Bromoform	<0.0017		0.0017	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Chlorobenzene	<0.0017		0.0017	0.00063	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Chloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Chloroform	<0.0017		0.0017	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Methylene Chloride	<0.0042		0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
methyl isobutyl ketone	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Tetrachloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00060	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00073	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		75 - 131	03/12/24 18:23	03/14/24 11:37	1
Dibromofluoromethane (Surr)	103		75 - 126	03/12/24 18:23	03/14/24 11:37	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	03/12/24 18:23	03/14/24 11:37	1
Toluene-d8 (Surr)	114		75 - 124	03/12/24 18:23	03/14/24 11:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-5(0-4)-031124

Lab Sample ID: 500-247300-4

Date Collected: 03/11/24 09:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 86.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.75		0.75	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,4,6-Trichlorophenol	<0.75		0.75	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,4-Dichlorophenol	<0.75		0.75	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,4-Dimethylphenol	<0.75		0.75	0.17	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,4-Dinitrophenol	<1.5		1.5	0.43	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2,6-Dinitrotoluene	<0.38		0.38	0.026	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Nitroaniline	<0.38		0.38	0.040	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
2-Nitrophenol	<0.75		0.75	0.051	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
3 & 4 Methylphenol	<0.38		0.38	0.055	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.061	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
3-Nitroaniline	<0.75		0.75	0.034	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.42	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.051	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Chloro-3-methylphenol	<0.75		0.75	0.029	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Chloroaniline	<1.5		1.5	0.79	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.098	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Nitroaniline	<0.75		0.75	0.055	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
4-Nitrophenol	<1.5		1.5	0.28	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Acenaphthene	<0.075		0.075	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Acenaphthylene	<0.075		0.075	0.013	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Anthracene	<0.075		0.075	0.015	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Benzo[a]anthracene	0.043	J	0.075	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Benzo[a]pyrene	<0.075	*3	0.075	0.072	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Benzo[b]fluoranthene	0.11	*3	0.075	0.071	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Benzo[g,h,i]perylene	<0.075	*3	0.075	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Benzo[k]fluoranthene	<0.075	*3	0.075	0.029	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.29	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Butyl benzyl phthalate	<0.38		0.38	0.037	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Carbazole	<0.38		0.38	0.030	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Chrysene	0.032	J	0.075	0.020	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Dibenz(a,h)anthracene	<0.075	*3	0.075	0.075	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Dibenzofuran	<0.38		0.38	0.027	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Diethyl phthalate	<0.38		0.38	0.034	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Dimethyl phthalate	<0.38		0.38	0.016	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Di-n-octyl phthalate	<0.75		0.75	0.52	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Fluoranthene	0.063	J	0.075	0.017	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Fluorene	<0.075		0.075	0.022	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Hexachlorobutadiene	<0.38		0.38	0.042	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Hexachlorocyclopentadiene	<1.5		1.5	0.80	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	✳	03/20/24 07:38	03/20/24 16:52	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-5(0-4)-031124

Lab Sample ID: 500-247300-4

Date Collected: 03/11/24 09:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 86.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.075	*3	0.075	0.073	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Isophorone	<0.38		0.38	0.039	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Naphthalene	<0.075		0.075	0.014	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Nitrobenzene	<0.075		0.075	0.024	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.015	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
N-Nitrosodiphenylamine	<0.38		0.38	0.045	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Pentachlorophenol	<1.5		1.5	0.19	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Phenanthrene	0.028	J	0.075	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Phenol	<0.38		0.38	0.033	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2
Pyrene	0.048	J	0.075	0.020	mg/Kg	☆	03/20/24 07:38	03/20/24 16:52	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	108		31 - 143	03/20/24 07:38	03/20/24 16:52	2
2-Fluorobiphenyl (Surr)	74		43 - 145	03/20/24 07:38	03/20/24 16:52	2
2-Fluorophenol (Surr)	64		31 - 166	03/20/24 07:38	03/20/24 16:52	2
Nitrobenzene-d5 (Surr)	63		37 - 147	03/20/24 07:38	03/20/24 16:52	2
Phenol-d5 (Surr)	63		30 - 153	03/20/24 07:38	03/20/24 16:52	2
Terphenyl-d14 (Surr)	84		42 - 157	03/20/24 07:38	03/20/24 16:52	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8800		11	4.6	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Arsenic	6.5		0.56	0.19	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Barium	73		0.56	0.064	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Beryllium	0.45		0.22	0.052	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Cadmium	0.22	B	0.11	0.020	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Calcium	56000	B	56	9.5	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5
Chromium	12		0.56	0.28	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Cobalt	8.2		0.28	0.073	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Copper	16		2.8	0.78	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5
Iron	12000		11	5.8	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Lead	26		1.4	0.65	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5
Magnesium	30000	B	28	14	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5
Manganese	490		0.56	0.081	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Nickel	15		0.56	0.16	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Potassium	960		28	9.9	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Selenium	0.37	J	0.56	0.33	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Silver	<0.28		0.28	0.072	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Sodium	660	B	56	8.3	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/15/24 09:25	03/23/24 03:08	1
Vanadium	26		1.4	0.33	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5
Zinc	65		5.6	2.5	mg/Kg	☆	03/15/24 09:25	03/25/24 20:12	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 14:59	1
Barium	0.63		0.50	0.050	mg/L		03/21/24 08:32	03/25/24 14:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 14:59	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-5(0-4)-031124

Lab Sample ID: 500-247300-4

Date Collected: 03/11/24 09:15

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 86.0

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:59	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:34	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:59	1
Iron	<0.40		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:34	1
Manganese	0.36		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:34	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 14:59	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 14:59	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:34	1
Zinc	0.020	J	0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:34	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:28	1
Barium	0.13	J	0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:28	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:28	1
Chromium	0.033		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:28	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:28	1
Copper	0.035		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:28	1
Iron	30		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:28	1
Lead	0.039		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:47	1
Manganese	0.44		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:47	1
Nickel	0.027		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:28	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:28	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:47	1
Zinc	0.13	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:28	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:15	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.018	0.0097	mg/Kg	☼	03/21/24 16:30	03/22/24 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.9		0.2	0.2	SU			03/15/24 19:47	1

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-4(0-4)-031124

Lab Sample ID: 500-247300-5

Date Collected: 03/11/24 09:25

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 76.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Benzene	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Bromodichloromethane	<0.0017		0.0017	0.00034	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Bromoform	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Bromomethane	<0.0042		0.0042	0.0016	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Carbon disulfide	<0.0042		0.0042	0.00088	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Carbon tetrachloride	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Chlorobenzene	<0.0017		0.0017	0.00062	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Chloroethane	<0.0042		0.0042	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Chloroform	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Chloromethane	<0.0042		0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Dibromochloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,1-Dichloroethane	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,2-Dichloroethane	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,1-Dichloroethene	<0.0017		0.0017	0.00058	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Ethylbenzene	<0.0017		0.0017	0.00081	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
2-Hexanone	<0.0042		0.0042	0.0013	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Methylene Chloride	0.0017	J B	0.0042	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
methyl isobutyl ketone	<0.0042		0.0042	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Styrene	<0.0017		0.0017	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Tetrachloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Toluene	<0.0017		0.0017	0.00043	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00059	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00072	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Trichloroethene	<0.0017		0.0017	0.00057	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Vinyl chloride	<0.0017		0.0017	0.00075	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1
Xylenes, Total	<0.0034		0.0034	0.00054	mg/Kg	☆	03/12/24 18:23	03/14/24 12:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		75 - 131	03/12/24 18:23	03/14/24 12:02	1
Dibromofluoromethane (Surr)	105		75 - 126	03/12/24 18:23	03/14/24 12:02	1
1,2-Dichloroethane-d4 (Surr)	113		70 - 134	03/12/24 18:23	03/14/24 12:02	1
Toluene-d8 (Surr)	112		75 - 124	03/12/24 18:23	03/14/24 12:02	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-4(0-4)-031124

Lab Sample ID: 500-247300-5

Date Collected: 03/11/24 09:25

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 76.5

Method: SW846 8270E - 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	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,4,6-Trichlorophenol	<0.42		0.42	0.014	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,4-Dichlorophenol	<0.42		0.42	0.015	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,4-Dimethylphenol	<0.42		0.42	0.094	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,4-Dinitrophenol	<0.85		0.85	0.24	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2,6-Dinitrotoluene	<0.21		0.21	0.014	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Chloronaphthalene	<0.21		0.21	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Chlorophenol	<0.21		0.21	0.014	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Methylnaphthalene	<0.085		0.085	0.0084	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
2-Nitrophenol	<0.42		0.42	0.028	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
3 & 4 Methylphenol	<0.21		0.21	0.031	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
3,3'-Dichlorobenzidine	<0.21	*3	0.21	0.034	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
3-Nitroaniline	<0.42		0.42	0.019	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.24	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.029	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Chloro-3-methylphenol	<0.42		0.42	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Chloroaniline	<0.85		0.85	0.44	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Nitroaniline	<0.42		0.42	0.031	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
4-Nitrophenol	<0.85		0.85	0.16	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Acenaphthene	<0.042		0.042	0.0085	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Acenaphthylene	<0.042		0.042	0.0071	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Anthracene	<0.042		0.042	0.0086	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Benzo[a]anthracene	0.025	J *3	0.042	0.0089	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Benzo[a]pyrene	0.068	*3	0.042	0.040	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Benzo[b]fluoranthene	0.084	*3	0.042	0.040	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Benzo[g,h,i]perylene	<0.042	*3	0.042	0.0091	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Benzo[k]fluoranthene	<0.042	*3	0.042	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.016	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Bis(2-ethylhexyl) phthalate	<0.21	*3	0.21	0.16	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Butyl benzyl phthalate	<0.21	*3	0.21	0.021	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Carbazole	<0.21		0.21	0.017	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Chrysene	0.040	J *3	0.042	0.011	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Dibenz(a,h)anthracene	<0.042	*3	0.042	0.042	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Dimethyl phthalate	<0.21		0.21	0.0091	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Di-n-octyl phthalate	<0.42		0.42	0.29	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Fluoranthene	0.060		0.042	0.0097	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Fluorene	<0.042		0.042	0.012	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Hexachlorobenzene	<0.085		0.085	0.0080	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Hexachlorobutadiene	<0.21		0.21	0.024	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Hexachlorocyclopentadiene	<0.85		0.85	0.44	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-4(0-4)-031124

Lab Sample ID: 500-247300-5

Date Collected: 03/11/24 09:25

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 76.5

Method: SW846 8270E - 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	*3	0.042	0.041	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Isophorone	<0.21		0.21	0.022	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Naphthalene	<0.042		0.042	0.0076	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Nitrobenzene	<0.042		0.042	0.013	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.0083	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
N-Nitrosodiphenylamine	<0.21		0.21	0.025	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Pentachlorophenol	<0.85		0.85	0.10	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Phenanthrene	0.024	J	0.042	0.0091	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Phenol	<0.21		0.21	0.018	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1
Pyrene	0.047	*3	0.042	0.011	mg/Kg	☆	03/20/24 07:38	03/20/24 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	118		31 - 143	03/20/24 07:38	03/20/24 18:33	1
2-Fluorobiphenyl (Surr)	77		43 - 145	03/20/24 07:38	03/20/24 18:33	1
2-Fluorophenol (Surr)	67		31 - 166	03/20/24 07:38	03/20/24 18:33	1
Nitrobenzene-d5 (Surr)	65		37 - 147	03/20/24 07:38	03/20/24 18:33	1
Phenol-d5 (Surr)	66		30 - 153	03/20/24 07:38	03/20/24 18:33	1
Terphenyl-d14 (Surr)	118	*3	42 - 157	03/20/24 07:38	03/20/24 18:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	5.0	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Arsenic	7.7		0.62	0.21	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Barium	100		0.62	0.070	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Beryllium	0.60		0.25	0.058	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Cadmium	0.17	B	0.12	0.022	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Calcium	5200	B	12	2.1	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Chromium	17		0.62	0.31	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Cobalt	9.2		0.31	0.081	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Copper	14		0.62	0.17	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Iron	16000		12	6.4	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Lead	29		0.31	0.14	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Magnesium	4800	B	31	15	mg/Kg	☆	03/15/24 09:25	03/25/24 20:23	5
Manganese	450		0.62	0.090	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Nickel	18		0.62	0.18	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Potassium	1200		31	11	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Selenium	0.62		0.62	0.36	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Silver	<0.31		0.31	0.080	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Sodium	550	B	62	9.1	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	03/15/24 09:25	03/23/24 03:12	1
Vanadium	39		1.5	0.36	mg/Kg	☆	03/15/24 09:25	03/25/24 20:23	5
Zinc	81		6.2	2.7	mg/Kg	☆	03/15/24 09:25	03/25/24 20:23	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 15:04	1
Barium	0.48	J	0.50	0.050	mg/L		03/21/24 08:32	03/25/24 15:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:38	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 15:04	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-4(0-4)-031124

Lab Sample ID: 500-247300-5

Date Collected: 03/11/24 09:25

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 76.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:04	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:38	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:04	1
Iron	1.2		0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:38	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:38	1
Manganese	0.093		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:38	1
Nickel	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 15:04	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:38	1
Zinc	0.020	J	0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:38	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.037	J	0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:32	1
Barium	0.73		0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:32	1
Beryllium	0.0044		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:32	1
Chromium	0.14		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:32	1
Cobalt	0.019	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:32	1
Copper	0.099		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:32	1
Iron	100		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:32	1
Lead	0.056		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:51	1
Manganese	0.83		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:51	1
Nickel	0.10		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:32	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:32	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:51	1
Zinc	0.45	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:32	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:21	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.021	0.011	mg/Kg	☼	03/21/24 16:30	03/22/24 10:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/15/24 19:49	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-3(0-4)-031124

Lab Sample ID: 500-247300-6

Date Collected: 03/11/24 09:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0066	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Benzene	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Bromodichloromethane	<0.0015		0.0015	0.00031	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Bromoform	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Bromomethane	<0.0038		0.0038	0.0014	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Carbon disulfide	<0.0038		0.0038	0.00079	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Carbon tetrachloride	<0.0015		0.0015	0.00044	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Chlorobenzene	<0.0015		0.0015	0.00056	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Chloroethane	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Chloroform	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Chloromethane	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Dibromochloromethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,1-Dichloroethane	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,2-Dichloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,1-Dichloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Ethylbenzene	<0.0015		0.0015	0.00073	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
2-Hexanone	<0.0038		0.0038	0.0012	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Methylene Chloride	<0.0038		0.0038	0.0015	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
methyl isobutyl ketone	<0.0038		0.0038	0.0011	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00045	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Styrene	<0.0015		0.0015	0.00046	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Tetrachloroethene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Toluene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00067	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00053	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00065	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Trichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Vinyl chloride	<0.0015		0.0015	0.00067	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1
Xylenes, Total	<0.0030		0.0030	0.00049	mg/Kg	☆	03/12/24 18:23	03/14/24 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	03/12/24 18:23	03/14/24 12:26	1
Dibromofluoromethane (Surr)	101		75 - 126	03/12/24 18:23	03/14/24 12:26	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	03/12/24 18:23	03/14/24 12:26	1
Toluene-d8 (Surr)	113		75 - 124	03/12/24 18:23	03/14/24 12:26	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.37		0.37	0.052	mg/Kg	☆	03/20/24 07:38	03/20/24 17:18	2
1,2-Dichlorobenzene	<0.37		0.37	0.030	mg/Kg	☆	03/20/24 07:38	03/20/24 17:18	2
1,3-Dichlorobenzene	<0.37		0.37	0.033	mg/Kg	☆	03/20/24 07:38	03/20/24 17:18	2
1,4-Dichlorobenzene	<0.37		0.37	0.034	mg/Kg	☆	03/20/24 07:38	03/20/24 17:18	2
2,2'-oxybis[1-chloropropane]	<0.37		0.37	0.052	mg/Kg	☆	03/20/24 07:38	03/20/24 17:18	2

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-3(0-4)-031124

Lab Sample ID: 500-247300-6

Date Collected: 03/11/24 09:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.72		0.72	0.027	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,4,6-Trichlorophenol	<0.72		0.72	0.025	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,4-Dichlorophenol	<0.72		0.72	0.026	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,4-Dimethylphenol	<0.72		0.72	0.16	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,4-Dinitrotoluene	<0.37		0.37	0.041	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2,6-Dinitrotoluene	<0.37		0.37	0.025	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Chloronaphthalene	<0.37		0.37	0.027	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Chlorophenol	<0.37		0.37	0.023	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Methylnaphthalene	<0.15		0.15	0.015	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Methylphenol	<0.37		0.37	0.038	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Nitroaniline	<0.37		0.37	0.039	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
2-Nitrophenol	<0.72		0.72	0.049	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
3 & 4 Methylphenol	<0.37		0.37	0.053	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
3,3'-Dichlorobenzidine	<0.37		0.37	0.059	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
3-Nitroaniline	<0.72		0.72	0.033	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Bromophenyl phenyl ether	<0.37		0.37	0.050	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Chloro-3-methylphenol	<0.72		0.72	0.028	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Chloroaniline	<1.5		1.5	0.76	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Chlorophenyl phenyl ether	<0.37		0.37	0.095	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Nitroaniline	<0.72		0.72	0.054	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
4-Nitrophenol	<1.5		1.5	0.27	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Acenaphthene	0.016	J	0.072	0.015	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Acenaphthylene	<0.072		0.072	0.012	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Anthracene	0.045	J	0.072	0.015	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Benzo[a]anthracene	0.30		0.072	0.015	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Benzo[a]pyrene	0.44	*3	0.072	0.070	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Benzo[b]fluoranthene	0.65	*3	0.072	0.069	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Benzo[g,h,i]perylene	0.53	*3	0.072	0.016	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Benzo[k]fluoranthene	0.25	*3	0.072	0.028	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Bis(2-chloroethoxy)methane	<0.37		0.37	0.027	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Bis(2-chloroethyl)ether	<0.37		0.37	0.034	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Bis(2-ethylhexyl) phthalate	<0.37		0.37	0.29	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Butyl benzyl phthalate	<0.37		0.37	0.036	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Carbazole	0.047	J	0.37	0.029	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Chrysene	0.37		0.072	0.019	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Dibenz(a,h)anthracene	0.15	*3	0.072	0.072	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Dibenzofuran	<0.37		0.37	0.026	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Diethyl phthalate	<0.37		0.37	0.033	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Dimethyl phthalate	<0.37		0.37	0.016	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Di-n-butyl phthalate	<0.37		0.37	0.023	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Di-n-octyl phthalate	<0.72		0.72	0.51	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Fluoranthene	0.75		0.072	0.017	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Fluorene	<0.072		0.072	0.022	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Hexachlorobutadiene	<0.37		0.37	0.041	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Hexachlorocyclopentadiene	<1.5		1.5	0.77	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2
Hexachloroethane	<0.37		0.37	0.036	mg/Kg	✱	03/20/24 07:38	03/20/24 17:18	2

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-3(0-4)-031124

Lab Sample ID: 500-247300-6

Date Collected: 03/11/24 09:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.41	*3	0.072	0.071	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Isophorone	<0.37		0.37	0.038	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Naphthalene	<0.072		0.072	0.013	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Nitrobenzene	<0.072		0.072	0.023	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.014	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
N-Nitrosodiphenylamine	<0.37		0.37	0.043	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Phenanthrene	0.26		0.072	0.016	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Phenol	<0.37		0.37	0.032	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Pyrene	0.66		0.072	0.020	mg/Kg	☼	03/20/24 07:38	03/20/24 17:18	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		31 - 143				03/20/24 07:38	03/20/24 17:18	2
2-Fluorobiphenyl (Surr)	66		43 - 145				03/20/24 07:38	03/20/24 17:18	2
2-Fluorophenol (Surr)	59		31 - 166				03/20/24 07:38	03/20/24 17:18	2
Nitrobenzene-d5 (Surr)	56		37 - 147				03/20/24 07:38	03/20/24 17:18	2
Phenol-d5 (Surr)	59		30 - 153				03/20/24 07:38	03/20/24 17:18	2
Terphenyl-d14 (Surr)	85		42 - 157				03/20/24 07:38	03/20/24 17:18	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		11	4.5	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Antimony	<1.1		1.1	0.22	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Arsenic	2.8		0.55	0.19	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Barium	45		2.8	0.32	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Beryllium	0.22		0.22	0.052	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Cadmium	0.24	B	0.11	0.020	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Calcium	140000	B	55	9.4	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Chromium	23		0.55	0.27	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Cobalt	2.9		0.28	0.073	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Copper	18		2.8	0.77	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Iron	10000		55	29	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Lead	20		1.4	0.64	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Magnesium	78000	B	28	14	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Manganese	410		0.55	0.080	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Nickel	11		0.55	0.16	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Potassium	520		28	9.8	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Selenium	<0.55		0.55	0.33	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Silver	<0.28		0.28	0.071	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Sodium	360	B	55	8.2	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Thallium	<0.55		0.55	0.28	mg/Kg	☼	03/15/24 09:25	03/23/24 03:16	1
Vanadium	24		1.4	0.33	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5
Zinc	110		5.5	2.4	mg/Kg	☼	03/15/24 09:25	03/25/24 20:27	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 08:32	03/25/24 15:08	1
Barium	0.37	J	0.50	0.050	mg/L		03/21/24 08:32	03/25/24 15:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 08:32	03/26/24 14:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 08:32	03/25/24 15:08	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Client Sample ID: B-3(0-4)-031124

Lab Sample ID: 500-247300-6

Date Collected: 03/11/24 09:35

Matrix: Solid

Date Received: 03/11/24 16:47

Percent Solids: 87.4

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:08	1
Cobalt	0.021	J	0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:42	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:08	1
Iron	0.22	J	0.40	0.20	mg/L		03/21/24 08:32	03/26/24 14:42	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/21/24 08:32	03/26/24 14:42	1
Manganese	3.1		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:42	1
Nickel	0.030		0.025	0.010	mg/L		03/21/24 08:32	03/25/24 15:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 08:32	03/25/24 15:08	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 08:32	03/26/24 14:42	1
Zinc	0.20	J	0.50	0.020	mg/L		03/21/24 08:32	03/26/24 14:42	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/20/24 16:27	03/22/24 01:36	1
Barium	<0.50		0.50	0.050	mg/L		03/20/24 16:27	03/22/24 01:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/20/24 16:27	03/22/24 18:55	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/20/24 16:27	03/22/24 01:36	1
Chromium	0.013	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:36	1
Cobalt	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:36	1
Copper	0.011	J	0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:36	1
Iron	6.7		0.40	0.20	mg/L		03/20/24 16:27	03/22/24 01:36	1
Lead	0.018		0.0075	0.0075	mg/L		03/20/24 16:27	03/22/24 18:55	1
Manganese	0.089		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:55	1
Nickel	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 01:36	1
Selenium	<0.050		0.050	0.020	mg/L		03/20/24 16:27	03/22/24 01:36	1
Silver	<0.025		0.025	0.010	mg/L		03/20/24 16:27	03/22/24 18:55	1
Zinc	0.054	J	0.50	0.020	mg/L		03/20/24 16:27	03/22/24 01:36	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/25/24 11:15	03/26/24 10:23	1

Method: SW846 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		03/26/24 10:45	03/27/24 09:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.017	0.0088	mg/Kg	☼	03/21/24 16:30	03/22/24 10:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			03/15/24 19:52	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*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.

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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247300-1

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
7470A	7470A	Solid	Mercury
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 720467



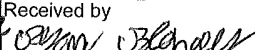
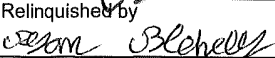
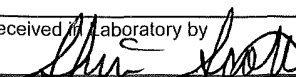


Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: A. Slesers		Site Contact: C. Davids		Date: 3/11/2024		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier		1 of 3 COCs	
Address: 30 Knightsbridge Pkwy		Analysis Turnaround Time							
City/State/Zip: Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____							
Phone: 312-590-2578		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day	
Fax:									
Project Name: 1-55-1-80									
Site: 065 IDOT									
P O #:									
						500-247300 COC		Job / SDG No 500-247300	
									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
1 B-8(0-4) -031124		2/11/24	0845	G	S	6			
2 B-7(0-4) -031124			0855						
3 B-6(0-4) -031124			0905						
4 B-5(0-4) -031124			0915						
5 B-4(0-4) -031124			0925						
6 B-3(0-4) -031124			0935						
7 B-2(0-4) -031124			0945						
8 B-1(0-4) -031124			1000						
KL-9(0-5) -031124			1010						
KL-9(5-10) -031124			1015						
KL-9(5-10) -031124D			1015						
KL-8(0-4) -031124			1040						
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 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 type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months							
Special Instructions/QC Requirements & Comments:		4.8 → 4.1, 5.1 → 4.4, 4.6 → 3.9							
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: Weston		Date/Time: 3/11/24 1552		Received by: 		Company: FETA 3/11/24	
Relinquished by: 		Company: FETA 3/11/24		Date/Time: 1647		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: 		Company: FETA	
								Date/Time: 3/11/24 1647	



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 – I-55 Interchange, Ridge Road to US 30 Office Phone Number, if available: _____

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

4300 Block of W. Mound Road (ISGS Site No. 2233V3-69)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.48551 Longitude: -88.19302

(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.): 4,222

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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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 ROW-33, ROW-36 WERE SAMPLED ALONG THE I-80/ I-55 RAMP B ROW. SEE FIGURE 3-4, AND TABLE 4-1 OF THE 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]:

EUROFINS ANALYTICAL REPORT - JOB ID: 500-247397-1. ALSO SEE FIGURE 4-4 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Timothy J. Hoff, 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.

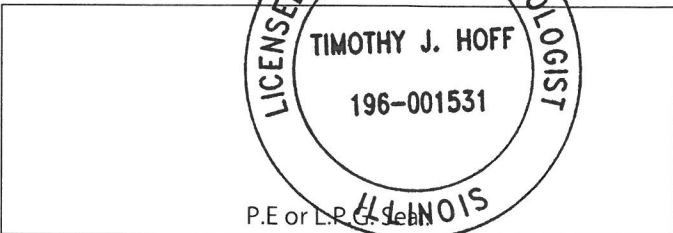
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

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

Timothy J. Hoff, P.G.
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

6/17/24
Date:



Summary Table of ISGS Site No. 2233V3-69
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-33	ROW-36
Sample Date		3/13/2024	3/13/2024
Field Sample ID		ROW-33(0-3.5)-031324	ROW-36(0-2)-031324
ISGS Site No.		2233V3-69	2233V3-69
Laboratory pH	<6.25; >9.0	8.5	8.1
VOCs (mg/kg)			
cis-1,2-Dichloroethene	0.4	ND	0.00066 J
SVOCs		None Detected	
Total Metals (mg/kg)			
Aluminum, Total	---	3100	4000
Antimony, Total	5	0.32 J	0.42 J
Arsenic, Total	11.3 / 13.0	5.4	6.2 J
Barium, Total	1500	29	49 J
Beryllium, Total	22	0.48	0.46
Cadmium, Total	5.2	0.14 J	0.16 J
Calcium, Total	---	190000 B	140000 B
Chromium, Total	21	5.1	5.9
Cobalt, Total	20	4.9	9.3 J
Copper, Total	2900	5.5	5
Iron, Total	15000 / 15900	15000	18000
Lead, Total	107	12	18 J
Magnesium, Total	325000	120000 B	83000 B
Manganese, Total	630 / 636	250	450 J
Mercury, Total	0.89	0.024	0.031
Nickel, Total	100	13	14
Potassium, Total	---	1500	1300 J
Selenium, Total	1.3	ND	0.76 J
Silver, Total	4.4	2.3	1.6
Sodium, Total	---	120 J	110 J
Thallium, Total	2.6	ND	ND
Vanadium, Total	550	7.5	10 J
Zinc, Total	5100	5.9	9.9 J
TCLP Metals (mg/l)			
Arsenic, TCLP	0.05	ND	ND
Barium, TCLP	2	0.74 J	ND
Beryllium, TCLP	0.004	ND	ND
Cadmium, TCLP	0.005	ND	ND
Chromium, TCLP	0.1	ND	ND
Cobalt, TCLP	1	ND	ND
Copper, TCLP	0.65	ND	ND
Iron, TCLP	5	0.32 J	ND
Lead, TCLP	0.0075	ND	ND
Manganese, TCLP	0.15	0.98	0.42
Mercury, TCLP	0.002	ND	ND
Nickel, TCLP	0.1	ND	ND
Selenium, TCLP	0.05	ND	ND
Silver, TCLP	0.05	ND	ND
Zinc, TCLP	5	ND	ND

Summary Table of ISGS Site No. 2233V3-69
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	ROW-33	ROW-36
Sample Date		3/13/2024	3/13/2024
Field Sample ID		ROW-33(0-3.5)-031324	ROW-36(0-2)-031324
ISGS Site No.		2233V3-69	2233V3-69
SPLP Metals (mg/l)			
Arsenic, SPLP	0.05	ND	ND
Barium, SPLP	2	0.067 J	0.1 J
Beryllium, SPLP	0.004	ND	ND
Cadmium, SPLP	0.005	ND	ND
Chromium, SPLP	0.1	0.025	0.029
Cobalt, SPLP	1	ND	ND
Copper, SPLP	0.65	ND	ND
Iron, SPLP	5	15	24
Lead, SPLP	0.0075	0.015	0.026
Manganese, SPLP	0.15	0.049	0.095
Mercury, SPLP	0.002	ND	ND
Nickel, SPLP	0.1	0.01 J	0.012 J
Selenium, SPLP	0.05	ND	ND
Silver, SPLP	0.05	ND	ND
Zinc, SPLP	5	ND	ND

Notes:


--- - not applicable or value not available.

include background values for Chicago

ND - Constituent not detected above the reporting limit.

B - Compound was found in the blank and the investigative sample.

J - Estimated concentration.

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 5/6/2024 12:53:55 PM Revision 1

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247397-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Generated
5/6/2024 12:53:55 PM
Revision 1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-36(0-2)-031324

Lab Sample ID: 500-247397-1

Date Collected: 03/13/24 08:35

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0087	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Benzene	<0.0020		0.0020	0.00051	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Bromodichloromethane	<0.0020		0.0020	0.00041	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Bromoform	<0.0020		0.0020	0.00058	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Bromomethane	<0.0050		0.0050	0.0019	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Carbon disulfide	<0.0050		0.0050	0.0010	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Carbon tetrachloride	<0.0020		0.0020	0.00058	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Chlorobenzene	<0.0020		0.0020	0.00074	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Chloroethane	<0.0050		0.0050	0.0015	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Chloroform	<0.0020		0.0020	0.00069	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Chloromethane	<0.0050		0.0050	0.0020	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
cis-1,2-Dichloroethene	0.00066	J	0.0020	0.00056	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00060	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Dibromochloromethane	<0.0020		0.0020	0.00065	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,1-Dichloroethane	<0.0020		0.0020	0.00068	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,2-Dichloroethane	<0.0050		0.0050	0.0016	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,1-Dichloroethene	<0.0020		0.0020	0.00069	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00070	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Ethylbenzene	<0.0020		0.0020	0.00096	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
2-Hexanone	<0.0050		0.0050	0.0016	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Methylene Chloride	0.0021	J B	0.0050	0.0020	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
methyl isobutyl ketone	<0.0050		0.0050	0.0015	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00059	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Styrene	<0.0020		0.0020	0.00060	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00064	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Tetrachloroethene	<0.0020		0.0020	0.00068	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Toluene	<0.0020		0.0020	0.00050	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00088	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00070	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00067	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00086	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Trichloroethene	<0.0020		0.0020	0.00067	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Vinyl chloride	<0.0020		0.0020	0.00088	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1
Xylenes, Total	<0.0040		0.0040	0.00064	mg/Kg	✳	03/13/24 18:00	03/15/24 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	03/13/24 18:00	03/15/24 12:42	1
Dibromofluoromethane (Surr)	108		75 - 126	03/13/24 18:00	03/15/24 12:42	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	03/13/24 18:00	03/15/24 12:42	1
Toluene-d8 (Surr)	110		75 - 124	03/13/24 18:00	03/15/24 12:42	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	✳	03/21/24 08:23	03/21/24 16:48	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	✳	03/21/24 08:23	03/21/24 16:48	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	✳	03/21/24 08:23	03/21/24 16:48	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	✳	03/21/24 08:23	03/21/24 16:48	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	✳	03/21/24 08:23	03/21/24 16:48	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-36(0-2)-031324

Lab Sample ID: 500-247397-1

Date Collected: 03/13/24 08:35

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,4-Dinitrotoluene	<0.20	*-	0.20	0.023	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2,6-Dinitrotoluene	<0.20	*-	0.20	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Chloronaphthalene	<0.20	*-	0.20	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Methylnaphthalene	<0.082	*-	0.082	0.0081	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Nitroaniline	<0.20	*-	0.20	0.022	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Chloroaniline	<0.82		0.82	0.42	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Chlorophenyl phenyl ether	<0.20	*-	0.20	0.053	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Nitroaniline	<0.40	*-	0.40	0.030	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
4-Nitrophenol	<0.82	*-	0.82	0.15	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Acenaphthene	<0.040	*-	0.040	0.0082	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Acenaphthylene	<0.040	*-	0.040	0.0069	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Anthracene	<0.040	*-	0.040	0.0083	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Benzo[a]anthracene	<0.040	*-	0.040	0.0086	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Benzo[a]pyrene	<0.040	*-	0.040	0.039	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Benzo[b]fluoranthene	<0.040	*-	0.040	0.038	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0088	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Benzo[k]fluoranthene	<0.040	*-	0.040	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Bis(2-ethylhexyl) phthalate	<0.20	*-	0.20	0.16	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Butyl benzyl phthalate	<0.20	*-	0.20	0.020	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Carbazole	<0.20	*-	0.20	0.016	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Chrysene	<0.040	*-	0.040	0.011	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Dibenzofuran	<0.20	*-	0.20	0.014	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Diethyl phthalate	<0.20	*-	0.20	0.019	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Dimethyl phthalate	<0.20	*-	0.20	0.0088	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Di-n-butyl phthalate	<0.20	*-	0.20	0.013	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Di-n-octyl phthalate	<0.40	*-	0.40	0.28	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Fluoranthene	<0.040	*-	0.040	0.0094	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Fluorene	<0.040	*-	0.040	0.012	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Hexachlorobenzene	<0.082		0.082	0.0077	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Hexachlorocyclopentadiene	<0.82	*-	0.82	0.43	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	03/21/24 08:23	03/21/24 16:48	1

Euofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-36(0-2)-031324

Lab Sample ID: 500-247397-1

Date Collected: 03/13/24 08:35

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.0080	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
N-Nitrosodiphenylamine	<0.20	*	0.20	0.024	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Pentachlorophenol	<0.82		0.82	0.10	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Phenanthrene	<0.040	*	0.040	0.0088	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Phenol	<0.20		0.20	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1
Pyrene	<0.040	*	0.040	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 16:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		31 - 143	03/21/24 08:23	03/21/24 16:48	1
2-Fluorobiphenyl (Surr)	82		43 - 145	03/21/24 08:23	03/21/24 16:48	1
2-Fluorophenol (Surr)	84		31 - 166	03/21/24 08:23	03/21/24 16:48	1
Nitrobenzene-d5 (Surr)	79		37 - 147	03/21/24 08:23	03/21/24 16:48	1
Phenol-d5 (Surr)	86		30 - 153	03/21/24 08:23	03/21/24 16:48	1
Terphenyl-d14 (Surr)	83		42 - 157	03/21/24 08:23	03/21/24 16:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4000		12	5.0	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Antimony	0.42	J F1	1.2	0.24	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Arsenic	6.2	F1	0.61	0.21	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Barium	49		3.1	0.35	mg/Kg	☆	03/27/24 09:17	03/28/24 19:38	5
Beryllium	0.46		0.25	0.057	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Cadmium	0.16	B	0.12	0.022	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Calcium	140000	B	61	10	mg/Kg	☆	03/27/24 09:17	03/28/24 19:38	5
Chromium	5.9		0.61	0.30	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Cobalt	9.3		0.31	0.081	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Copper	5.0		0.61	0.17	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Iron	18000		61	32	mg/Kg	☆	03/27/24 09:17	03/28/24 19:38	5
Lead	18	F1	0.31	0.14	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Magnesium	83000	B	31	15	mg/Kg	☆	03/27/24 09:17	03/28/24 19:38	5
Manganese	450		0.61	0.089	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Nickel	14		0.61	0.18	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Potassium	1300	F1	31	11	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Selenium	0.76	F1	0.61	0.36	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Silver	1.6		1.5	0.40	mg/Kg	☆	03/27/24 09:17	03/28/24 19:38	5
Sodium	110	B	61	9.1	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Thallium	<0.61	F1	0.61	0.31	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Vanadium	10		0.31	0.073	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1
Zinc	9.9		1.2	0.54	mg/Kg	☆	03/27/24 09:17	03/28/24 11:17	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:04	1
Barium	0.39	J B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:04	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-36(0-2)-031324

Lab Sample ID: 500-247397-1

Date Collected: 03/13/24 08:35

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 80.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:04	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:45	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:04	1
Iron	<0.40		0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:45	1
Manganese	0.42		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:10	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:04	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:45	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:04	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Barium	0.10	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:00	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:00	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:00	1
Chromium	0.029		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Iron	24		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:23	1
Lead	0.026		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:23	1
Manganese	0.095		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Nickel	0.012	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:00	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:00	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:23	1
Zinc	0.036	J B	0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:00	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 10:58	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.020	0.010	mg/Kg	☼	03/25/24 17:05	03/26/24 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			03/20/24 12:05	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-33(0-3.5)-031324

Lab Sample ID: 500-247397-2

Date Collected: 03/13/24 09:15

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 79.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0084	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Benzene	<0.0019		0.0019	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Bromodichloromethane	<0.0019		0.0019	0.00039	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Bromoform	<0.0019		0.0019	0.00057	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Bromomethane	<0.0048		0.0048	0.0018	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Carbon disulfide	<0.0048		0.0048	0.0010	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Carbon tetrachloride	<0.0019		0.0019	0.00056	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Chlorobenzene	<0.0019		0.0019	0.00072	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Chloroethane	<0.0048		0.0048	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Chloroform	<0.0019		0.0019	0.00067	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Chloromethane	<0.0048		0.0048	0.0019	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00054	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00058	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Dibromochloromethane	<0.0019		0.0019	0.00063	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,1-Dichloroethane	<0.0019		0.0019	0.00066	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,2-Dichloroethane	<0.0048		0.0048	0.0015	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,1-Dichloroethene	<0.0019		0.0019	0.00067	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00068	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Ethylbenzene	<0.0019		0.0019	0.00093	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
2-Hexanone	<0.0048		0.0048	0.0015	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Methylene Chloride	0.0019	J B	0.0048	0.0019	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0022	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
methyl isobutyl ketone	<0.0048		0.0048	0.0014	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00057	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Styrene	<0.0019		0.0019	0.00059	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Tetrachloroethene	<0.0019		0.0019	0.00066	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Toluene	<0.0019		0.0019	0.00049	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00086	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00068	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00065	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00083	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Trichloroethene	<0.0019		0.0019	0.00066	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Vinyl chloride	<0.0019		0.0019	0.00086	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1
Xylenes, Total	<0.0039		0.0039	0.00062	mg/Kg	☆	03/13/24 18:00	03/15/24 13:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	03/13/24 18:00	03/15/24 13:07	1
Dibromofluoromethane (Surr)	107		75 - 126	03/13/24 18:00	03/15/24 13:07	1
1,2-Dichloroethane-d4 (Surr)	117		70 - 134	03/13/24 18:00	03/15/24 13:07	1
Toluene-d8 (Surr)	113		75 - 124	03/13/24 18:00	03/15/24 13:07	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
1,3-Dichlorobenzene	<0.21		0.21	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.029	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-33(0-3.5)-031324

Lab Sample ID: 500-247397-2

Date Collected: 03/13/24 09:15

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 79.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,4-Dimethylphenol	<0.41		0.41	0.091	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,4-Dinitrophenol	<0.82		0.82	0.24	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,4-Dinitrotoluene	<0.21	*-	0.21	0.023	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2,6-Dinitrotoluene	<0.21	*-	0.21	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Chloronaphthalene	<0.21	*-	0.21	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Methylnaphthalene	<0.082	*-	0.082	0.0082	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Methylphenol	<0.21		0.21	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Nitroaniline	<0.21	*-	0.21	0.022	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.033	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Chloro-3-methylphenol	<0.41		0.41	0.016	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Chlorophenyl phenyl ether	<0.21	*-	0.21	0.053	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Nitroaniline	<0.41	*-	0.41	0.030	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
4-Nitrophenol	<0.82	*-	0.82	0.15	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Acenaphthene	<0.041	*-	0.041	0.0083	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Acenaphthylene	<0.041	*-	0.041	0.0069	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Anthracene	<0.041	*-	0.041	0.0083	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Benzo[a]anthracene	<0.041	*-	0.041	0.0086	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Benzo[a]pyrene	<0.041	*-	0.041	0.039	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Benzo[b]fluoranthene	<0.041	*-	0.041	0.039	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Benzo[g,h,i]perylene	<0.041		0.041	0.0088	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Benzo[k]fluoranthene	<0.041	*-	0.041	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Bis(2-ethylhexyl) phthalate	<0.21	*-	0.21	0.16	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Butyl benzyl phthalate	<0.21	*-	0.21	0.020	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Carbazole	<0.21	*-	0.21	0.016	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Chrysene	<0.041	*-	0.041	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Dibenzofuran	<0.21	*-	0.21	0.014	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Diethyl phthalate	<0.21	*-	0.21	0.019	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Dimethyl phthalate	<0.21	*-	0.21	0.0089	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Di-n-butyl phthalate	<0.21	*-	0.21	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Di-n-octyl phthalate	<0.41	*-	0.41	0.28	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Fluoranthene	<0.041	*-	0.041	0.0095	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Fluorene	<0.041	*-	0.041	0.012	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Hexachlorocyclopentadiene	<0.82	*-	0.82	0.43	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Hexachloroethane	<0.21		0.21	0.020	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-33(0-3.5)-031324

Lab Sample ID: 500-247397-2

Date Collected: 03/13/24 09:15

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 79.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Naphthalene	<0.041		0.041	0.0074	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.0080	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
N-Nitrosodiphenylamine	<0.21	*	0.21	0.024	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Pentachlorophenol	<0.82		0.82	0.10	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Phenanthrene	<0.041	*	0.041	0.0089	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Phenol	<0.21		0.21	0.018	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1
Pyrene	<0.041	*	0.041	0.011	mg/Kg	☆	03/21/24 08:23	03/21/24 17:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		31 - 143	03/21/24 08:23	03/21/24 17:13	1
2-Fluorobiphenyl (Surr)	77		43 - 145	03/21/24 08:23	03/21/24 17:13	1
2-Fluorophenol (Surr)	80		31 - 166	03/21/24 08:23	03/21/24 17:13	1
Nitrobenzene-d5 (Surr)	77		37 - 147	03/21/24 08:23	03/21/24 17:13	1
Phenol-d5 (Surr)	81		30 - 153	03/21/24 08:23	03/21/24 17:13	1
Terphenyl-d14 (Surr)	78		42 - 157	03/21/24 08:23	03/21/24 17:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		12	4.8	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Antimony	0.32	J	1.2	0.23	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Arsenic	5.4		0.59	0.20	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Barium	29		3.0	0.34	mg/Kg	☆	03/27/24 09:17	03/28/24 20:03	5
Beryllium	0.48		0.24	0.055	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Cadmium	0.14	B	0.12	0.021	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Calcium	190000	B	59	10	mg/Kg	☆	03/27/24 09:17	03/28/24 20:03	5
Chromium	5.1		0.59	0.29	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Cobalt	4.9		0.30	0.077	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Copper	5.5		0.59	0.17	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Iron	15000		59	31	mg/Kg	☆	03/27/24 09:17	03/28/24 20:03	5
Lead	12		0.30	0.14	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Magnesium	120000	B	30	15	mg/Kg	☆	03/27/24 09:17	03/28/24 20:03	5
Manganese	250		0.59	0.086	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Nickel	13		0.59	0.17	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Potassium	1500		30	10	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Selenium	<0.59		0.59	0.35	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Silver	2.3		1.5	0.38	mg/Kg	☆	03/27/24 09:17	03/28/24 20:03	5
Sodium	120	B	59	8.8	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Thallium	<0.59		0.59	0.30	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Vanadium	7.5		0.30	0.070	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1
Zinc	5.9		1.2	0.52	mg/Kg	☆	03/27/24 09:17	03/28/24 11:35	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/22/24 08:04	03/26/24 02:08	1
Barium	0.74	B	0.50	0.050	mg/L		03/22/24 08:04	03/26/24 19:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/22/24 08:04	03/26/24 19:49	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/22/24 08:04	03/26/24 02:08	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Client Sample ID: ROW-33(0-3.5)-031324

Lab Sample ID: 500-247397-2

Date Collected: 03/13/24 09:15

Matrix: Solid

Date Received: 03/13/24 13:44

Percent Solids: 79.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:08	1
Cobalt	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:49	1
Copper	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:08	1
Iron	0.32	J	0.40	0.20	mg/L		03/22/24 08:04	03/26/24 19:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/22/24 08:04	03/26/24 19:49	1
Manganese	0.98		0.025	0.010	mg/L		04/02/24 07:58	04/02/24 20:14	1
Nickel	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 02:08	1
Selenium	<0.050		0.050	0.020	mg/L		03/22/24 08:04	03/26/24 02:08	1
Silver	<0.025		0.025	0.010	mg/L		03/22/24 08:04	03/26/24 19:49	1
Zinc	<0.50		0.50	0.020	mg/L		03/22/24 08:04	03/26/24 02:08	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Barium	0.067	J	0.50	0.050	mg/L		03/21/24 16:22	03/23/24 03:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/21/24 16:22	03/23/24 03:04	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/21/24 16:22	03/23/24 03:04	1
Chromium	0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Cobalt	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Copper	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Iron	15		0.40	0.20	mg/L		03/21/24 16:22	03/25/24 16:35	1
Lead	0.015		0.0075	0.0075	mg/L		03/21/24 16:22	03/25/24 16:35	1
Manganese	0.049		0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Nickel	0.010	J	0.025	0.010	mg/L		03/21/24 16:22	03/23/24 03:04	1
Selenium	<0.050		0.050	0.020	mg/L		03/21/24 16:22	03/23/24 03:04	1
Silver	<0.025		0.025	0.010	mg/L		03/21/24 16:22	03/25/24 16:35	1
Zinc	<0.50		0.50	0.020	mg/L		03/21/24 16:22	03/23/24 03:04	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/26/24 10:45	03/27/24 11:00	1

Method: SW846 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		03/28/24 11:25	03/29/24 10:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.020	0.011	mg/Kg	☼	03/25/24 17:05	03/26/24 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			03/20/24 12:07	1

Definitions/Glossary

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247397-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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Login Sample Receipt Checklist

Client: Weston Solutions Inc

Job Number: 500-247397-1

Login Number: 247397

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	False	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	





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 – I-55 Interchange, Ridge Road to US 30 Office Phone Number, if available: _____

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

22000 Block of Southeast Frontage Road (ISGS Site No. 2233V3-70)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.4815 Longitude: - 88.19693

(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.): 2,205

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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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 VL-11, VL-13, and VL-16 WERE SAMPLED ALONG THE I-55 ROW. SEE FIGURE 3-6, AND TABLE 4-1 OF THE 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]:

EUROFINS ANALYTICAL REPORT - JOB ID: 500-247953-1 and 500-247957-1. ALSO SEE FIGURE 4-6 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

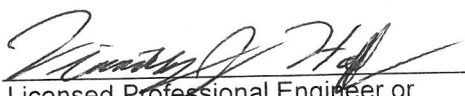
IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

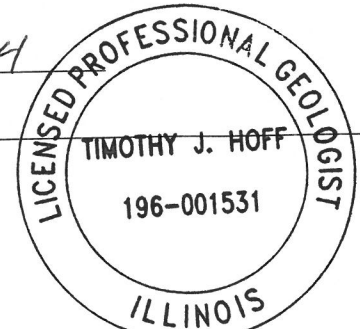
I, Timothy J. Hoff, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the 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

Timothy J. Hoff, P.G.
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

6/17/24
Date:

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

Summary Table of ISGS Site No. 2233V3-70

**Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois**

Location		VL-11	VL-11	VL-13	VL-16
Sample Date	Soil Reference Concentrations (MAC Table)	3/22/2024	3/22/2024	3/22/2024	3/22/2024
Field Sample ID		VL-11(0-5)-032224	VL-11(5-10)-032224	VL-13(0-5)-032224	VL-16(0-4)-032224
ISGS Site No.		2233V3-70	2233V3-70	2233V3-70	2233V3-70
Laboratory pH	<6.25; >9.0	9.0	9.0	8.3	8.0
VOCs (mg/kg)					
Acetone	---	ND	ND	0.015 J	0.03
Methyl ethyl ketone	---	ND	ND	0.0033 J	0.0058
SVOCs (mg/kg)					
Benzo(g,h,i)perylene	---	ND	0.018 J	ND	ND
Total Metals (mg/kg)					
Aluminum, Total	---	2800	7000	13000	13000
Antimony, Total	5	0.39 J	0.57 J	0.79 J	0.79 J
Arsenic, Total	11.3 / 13.0	4.9	11	6.5	6.9
Barium, Total	1500	15	28	110 J	160
Beryllium, Total	22	0.46 J	0.61 J	1 J	1.1 J
Cadmium, Total	5.2	0.81	ND	0.072 J	0.16
Calcium, Total	---	180000 B	88000 B	84000 J	29000 B
Chromium, Total	21	5.9	12	18	16
Cobalt, Total	20	4.4	11	12	9.8
Copper, Total	2900	7.5	17	18	17
Iron, Total	15000 / 15900	10000	19000	29000	30000
Lead, Total	107	10	12	18 J	26
Magnesium, Total	325000	110000 B	54000 B	40000 J	26000 B
Manganese, Total	630 / 636	350	330	570 J	620
Mercury, Total	0.89	0.032	ND	0.024	0.028
Nickel, Total	100	12 B	26 B	35	25
Potassium, Total	---	940	2200	3000	2400
Selenium, Total	1.3	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	0.14 J	0.1 J
Sodium, Total	---	650	810	1800 J	1900
Thallium, Total	2.6	ND	ND	ND	ND
Vanadium, Total	550	8.9	17	27	31
Zinc, Total	5100	290	44	72 J	74
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	0.01 J	ND	0.01 J
Barium, TCLP	2	0.46 J	0.56	0.69	0.4 J
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0026 J	0.0023 J	0.0024 J	ND
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	0.029	0.042	0.11	0.03
Copper, TCLP	0.65	ND	ND	ND	ND
Iron, TCLP	5	ND	3.6	1.9 J	4
Lead, TCLP	0.0075	ND	0.012	0.02	ND
Manganese, TCLP	0.15	4.6	5	11	9.7
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	0.027	0.046	0.16	0.031
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.067 J	0.035 J	0.029 J

Summary Table of ISGS Site No. 2233V3-70

**Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois**

Location	Soil Reference Concentrations (MAC Table)	VL-11	VL-11	VL-13	VL-16
Sample Date		3/22/2024	3/22/2024	3/22/2024	3/22/2024
Field Sample ID		VL-11(0-5)-032224	VL-11(5-10)-032224	VL-13(0-5)-032224	VL-16(0-4)-032224
ISGS Site No.		2233V3-70	2233V3-70	2233V3-70	2233V3-70
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	0.069	0.064	0.049 J	ND
Barium, SPLP	2	0.22 J	0.18 J	0.56	0.098 J
Beryllium, SPLP	0.004	0.0042	0.0041	0.0051	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND
Chromium, SPLP	0.1	0.091	0.096	0.13	0.02 J
Cobalt, SPLP	1	0.049	0.03	0.042	ND
Copper, SPLP	0.65	0.13	0.13	0.13	0.014 J
Iron, SPLP	5	120	110	130	16
Lead, SPLP	0.0075	0.094	0.064	0.062	0.013
Manganese, SPLP	0.15	0.77	0.46	1.5	0.15
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	0.13	0.11	0.16	0.01 J
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	0.038	0.037	0.042	ND
Zinc, SPLP	5	0.34 J	0.29 J	0.36 J	0.059 J

Notes:

--- - not applicable or value not available.

include background values for Chicago

ND - Constituent not detected above the reporting limit.

B - Compound was found in the blank and the investigative sample.

J - Estimated concentration.

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

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JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247957-1

Eurofins Chicago

Job Notes

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Authorization



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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-13(0-5)-032224

Lab Sample ID: 500-247957-1

Date Collected: 03/22/24 01:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.015	J	0.016	0.0071	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Bromomethane	<0.0041		0.0041	0.0015	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Carbon disulfide	<0.0041		0.0041	0.00085	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Chloroethane	<0.0041		0.0041	0.0012	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Chloromethane	<0.0041		0.0041	0.0016	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,1-Dichloroethane	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,2-Dichloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Ethylbenzene	<0.0016		0.0016	0.00078	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
2-Hexanone	<0.0041		0.0041	0.0013	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Methylene Chloride	<0.0041		0.0041	0.0016	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Methyl Ethyl Ketone	0.0033	J	0.0041	0.0018	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
methyl isobutyl ketone	<0.0041		0.0041	0.0012	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00048	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00070	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Vinyl chloride	<0.0016		0.0016	0.00072	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1
Xylenes, Total	<0.0033		0.0033	0.00052	mg/Kg	☼	03/22/24 18:13	03/25/24 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		75 - 131	03/22/24 18:13	03/25/24 16:17	1
Dibromofluoromethane (Surr)	108		75 - 126	03/22/24 18:13	03/25/24 16:17	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	03/22/24 18:13	03/25/24 16:17	1
Toluene-d8 (Surr)	103		75 - 124	03/22/24 18:13	03/25/24 16:17	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.22		0.22	0.031	mg/Kg	☼	03/25/24 13:48	03/26/24 12:36	1
1,2-Dichlorobenzene	<0.22		0.22	0.017	mg/Kg	☼	03/25/24 13:48	03/26/24 12:36	1
1,3-Dichlorobenzene	<0.22		0.22	0.019	mg/Kg	☼	03/25/24 13:48	03/26/24 12:36	1
1,4-Dichlorobenzene	<0.22		0.22	0.020	mg/Kg	☼	03/25/24 13:48	03/26/24 12:36	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.031	mg/Kg	☼	03/25/24 13:48	03/26/24 12:36	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-13(0-5)-032224

Lab Sample ID: 500-247957-1

Date Collected: 03/22/24 01:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.43		0.43	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,4,6-Trichlorophenol	<0.43		0.43	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,4-Dichlorophenol	<0.43		0.43	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,4-Dimethylphenol	<0.43		0.43	0.096	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,4-Dinitrophenol	<0.86		0.86	0.25	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,4-Dinitrotoluene	<0.22		0.22	0.024	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2,6-Dinitrotoluene	<0.22		0.22	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Chloronaphthalene	<0.22		0.22	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Chlorophenol	<0.22		0.22	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Methylnaphthalene	<0.086		0.086	0.0086	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Methylphenol	<0.22		0.22	0.023	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Nitroaniline	<0.22		0.22	0.023	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
2-Nitrophenol	<0.43		0.43	0.029	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
3 & 4 Methylphenol	<0.22		0.22	0.031	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.035	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
3-Nitroaniline	<0.43		0.43	0.019	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4,6-Dinitro-2-methylphenol	<0.86		0.86	0.24	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.029	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Chloro-3-methylphenol	<0.43		0.43	0.017	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Chloroaniline	<0.86		0.86	0.45	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.056	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Nitroaniline	<0.43		0.43	0.032	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
4-Nitrophenol	<0.86		0.86	0.16	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Acenaphthene	<0.043		0.043	0.0087	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Acenaphthylene	<0.043		0.043	0.0073	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Anthracene	<0.043		0.043	0.0087	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Benzo[a]anthracene	<0.043		0.043	0.0091	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Benzo[a]pyrene	<0.043		0.043	0.041	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Benzo[b]fluoranthene	<0.043		0.043	0.041	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Benzo[g,h,i]perylene	<0.043		0.043	0.0093	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Benzo[k]fluoranthene	<0.043		0.043	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Bis(2-chloroethyl)ether	<0.22		0.22	0.020	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.17	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Butyl benzyl phthalate	<0.22		0.22	0.021	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Carbazole	<0.22		0.22	0.017	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Chrysene	<0.043		0.043	0.011	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Dibenz(a,h)anthracene	<0.043		0.043	0.043	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Dibenzofuran	<0.22		0.22	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Diethyl phthalate	<0.22		0.22	0.020	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Dimethyl phthalate	<0.22		0.22	0.0093	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Di-n-butyl phthalate	<0.22		0.22	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Di-n-octyl phthalate	<0.43		0.43	0.30	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Fluoranthene	<0.043		0.043	0.0099	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Fluorene	<0.043		0.043	0.013	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Hexachlorobenzene	<0.086		0.086	0.0082	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Hexachlorobutadiene	<0.22		0.22	0.024	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Hexachlorocyclopentadiene	<0.86		0.86	0.45	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1
Hexachloroethane	<0.22		0.22	0.021	mg/Kg	☆	03/25/24 13:48	03/26/24 12:36	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-13(0-5)-032224

Lab Sample ID: 500-247957-1

Date Collected: 03/22/24 01:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.3

Method: SW846 8270E - 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		0.043	0.042	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Isophorone	<0.22		0.22	0.022	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Naphthalene	<0.043		0.043	0.0077	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Nitrobenzene	<0.043		0.043	0.014	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
N-Nitrosodi-n-propylamine	<0.086		0.086	0.0084	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
N-Nitrosodiphenylamine	<0.22		0.22	0.025	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Pentachlorophenol	<0.86		0.86	0.11	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Phenanthrene	<0.043		0.043	0.0093	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Phenol	<0.22		0.22	0.019	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1
Pyrene	<0.043		0.043	0.012	mg/Kg	✳	03/25/24 13:48	03/26/24 12:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		31 - 143	03/25/24 13:48	03/26/24 12:36	1
2-Fluorobiphenyl (Surr)	51		43 - 145	03/25/24 13:48	03/26/24 12:36	1
2-Fluorophenol (Surr)	52		31 - 166	03/25/24 13:48	03/26/24 12:36	1
Nitrobenzene-d5 (Surr)	50		37 - 147	03/25/24 13:48	03/26/24 12:36	1
Phenol-d5 (Surr)	55		30 - 153	03/25/24 13:48	03/26/24 12:36	1
Terphenyl-d14 (Surr)	49		42 - 157	03/25/24 13:48	03/26/24 12:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		13	5.1	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Antimony	0.79	J F1	1.3	0.25	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Arsenic	6.5		0.63	0.22	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Barium	110	F1	0.63	0.072	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Beryllium	1.0	J F1	1.3	0.29	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Cadmium	0.072	J F1	0.13	0.023	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Calcium	84000	B F2	63	11	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Chromium	18		0.63	0.31	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Cobalt	12		0.31	0.083	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Copper	18		0.63	0.18	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Iron	29000		63	33	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Lead	18	F1	1.6	0.73	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Magnesium	40000	B F2	31	16	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Manganese	570	F2	3.1	0.46	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Nickel	35		0.63	0.18	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Potassium	3000		160	56	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Selenium	<3.1		3.1	1.9	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Silver	0.14	J F1	0.31	0.081	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Sodium	1800	F1	310	47	mg/Kg	✳	03/25/24 09:47	03/28/24 13:43	5
Thallium	<0.63		0.63	0.31	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Vanadium	27		0.31	0.074	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1
Zinc	72	F1	1.3	0.55	mg/Kg	✳	03/25/24 09:47	03/27/24 16:31	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Barium	0.69		0.50	0.050	mg/L		03/26/24 16:24	03/27/24 21:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:24	03/27/24 21:19	1
Cadmium	0.0024	J	0.0050	0.0020	mg/L		03/26/24 16:24	03/27/24 21:19	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-13(0-5)-032224

Lab Sample ID: 500-247957-1

Date Collected: 03/22/24 01:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Cobalt	0.11		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Iron	1.9	F1	0.40	0.20	mg/L		03/26/24 16:24	03/27/24 21:19	1
Lead	0.020		0.0075	0.0075	mg/L		03/26/24 16:24	03/27/24 21:19	1
Manganese	11		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Nickel	0.16		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:24	03/27/24 21:19	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:24	03/27/24 21:19	1
Zinc	0.035	J	0.50	0.020	mg/L		03/26/24 16:24	03/27/24 21:19	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.049	J	0.050	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Barium	0.56		0.50	0.050	mg/L		03/25/24 16:30	03/29/24 23:39	1
Beryllium	0.0051		0.0040	0.0040	mg/L		03/25/24 16:30	03/29/24 23:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:30	03/29/24 23:39	1
Chromium	0.13		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Cobalt	0.042		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Copper	0.13		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Iron	130		0.40	0.20	mg/L		03/25/24 16:30	03/29/24 23:39	1
Lead	0.062		0.0075	0.0075	mg/L		03/25/24 16:30	03/29/24 23:39	1
Manganese	1.5		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Nickel	0.16		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:30	03/29/24 23:39	1
Silver	0.042		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:39	1
Zinc	0.36	J	0.50	0.020	mg/L		03/25/24 16:30	03/29/24 23:39	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:00	1

Method: SW846 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		03/29/24 11:50	04/01/24 11:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.019	0.010	mg/Kg	☼	03/28/24 15:45	03/29/24 10:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			03/27/24 15:24	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-16(0-4)-032224

Lab Sample ID: 500-247957-4

Date Collected: 03/22/24 02:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.030		0.020	0.0085	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Benzene	<0.0020		0.0020	0.00050	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Bromodichloromethane	<0.0020		0.0020	0.00040	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Bromoform	<0.0020		0.0020	0.00057	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Bromomethane	<0.0049		0.0049	0.0019	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Carbon disulfide	<0.0049		0.0049	0.0010	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Carbon tetrachloride	<0.0020		0.0020	0.00057	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Chlorobenzene	<0.0020		0.0020	0.00072	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Chloroethane	<0.0049		0.0049	0.0014	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Chloroform	<0.0020		0.0020	0.00068	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Chloromethane	<0.0049		0.0049	0.0020	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00059	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Dibromochloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,1-Dichloroethane	<0.0020		0.0020	0.00067	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,2-Dichloroethane	<0.0049		0.0049	0.0015	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,1-Dichloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00069	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Ethylbenzene	<0.0020		0.0020	0.00094	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
2-Hexanone	<0.0049		0.0049	0.0015	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Methylene Chloride	<0.0049		0.0049	0.0019	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Methyl Ethyl Ketone	0.0058		0.0049	0.0022	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
methyl isobutyl ketone	<0.0049		0.0049	0.0014	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00058	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Styrene	<0.0020		0.0020	0.00059	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00063	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Tetrachloroethene	<0.0020		0.0020	0.00067	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Toluene	<0.0020		0.0020	0.00049	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00087	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00069	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00066	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00084	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Trichloroethene	<0.0020		0.0020	0.00066	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Vinyl chloride	<0.0020		0.0020	0.00087	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1
Xylenes, Total	<0.0039		0.0039	0.00063	mg/Kg	☼	03/22/24 18:13	03/25/24 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		75 - 131	03/22/24 18:13	03/25/24 17:31	1
Dibromofluoromethane (Surr)	106		75 - 126	03/22/24 18:13	03/25/24 17:31	1
1,2-Dichloroethane-d4 (Surr)	94		70 - 134	03/22/24 18:13	03/25/24 17:31	1
Toluene-d8 (Surr)	104		75 - 124	03/22/24 18:13	03/25/24 17:31	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	03/25/24 13:48	03/26/24 17:22	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	03/25/24 13:48	03/26/24 17:22	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	03/25/24 13:48	03/26/24 17:22	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	03/25/24 13:48	03/26/24 17:22	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	03/25/24 13:48	03/26/24 17:22	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-16(0-4)-032224

Lab Sample ID: 500-247957-4

Date Collected: 03/22/24 02:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0087	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	03/25/24 13:48	03/26/24 17:22	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-16(0-4)-032224

Lab Sample ID: 500-247957-4

Date Collected: 03/22/24 02:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0080	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Phenol	<0.20		0.20	0.017	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1
Pyrene	<0.040		0.040	0.011	mg/Kg	✳	03/25/24 13:48	03/26/24 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	03/25/24 13:48	03/26/24 17:22	1
2-Fluorobiphenyl (Surr)	77		43 - 145	03/25/24 13:48	03/26/24 17:22	1
2-Fluorophenol (Surr)	75		31 - 166	03/25/24 13:48	03/26/24 17:22	1
Nitrobenzene-d5 (Surr)	47		37 - 147	03/25/24 13:48	03/26/24 17:22	1
Phenol-d5 (Surr)	84		30 - 153	03/25/24 13:48	03/26/24 17:22	1
Terphenyl-d14 (Surr)	76		42 - 157	03/25/24 13:48	03/26/24 17:22	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		13	5.2	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Antimony	0.79	J	1.3	0.25	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Arsenic	6.9		0.64	0.22	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Barium	160		3.2	0.36	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Beryllium	1.1	J	1.3	0.30	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Cadmium	0.16		0.13	0.023	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Calcium	29000	B	13	2.2	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Chromium	16		0.64	0.32	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Cobalt	9.8		0.32	0.083	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Copper	17		0.64	0.18	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Iron	30000		64	33	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Lead	26		1.6	0.74	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Magnesium	26000	B	32	16	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Manganese	620		3.2	0.46	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Nickel	25		0.64	0.19	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Potassium	2400		160	56	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Selenium	<3.2		3.2	1.9	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Silver	0.10	J	0.32	0.082	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Sodium	1900		320	47	mg/Kg	✳	03/25/24 09:47	03/28/24 14:15	5
Thallium	<0.64		0.64	0.32	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Vanadium	31		0.32	0.075	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1
Zinc	74		1.3	0.56	mg/Kg	✳	03/25/24 09:47	03/27/24 17:07	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Barium	0.40	J	0.50	0.050	mg/L		03/26/24 16:28	03/28/24 13:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:28	03/28/24 13:44	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/26/24 16:28	03/28/24 13:44	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Client Sample ID: VL-16(0-4)-032224

Lab Sample ID: 500-247957-4

Date Collected: 03/22/24 02:30

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 77.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Cobalt	0.030		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Iron	4.0		0.40	0.20	mg/L		03/26/24 16:28	03/28/24 21:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/26/24 16:28	03/28/24 21:21	1
Manganese	9.7		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Nickel	0.031		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 13:44	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:28	03/28/24 13:44	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:28	03/28/24 21:21	1
Zinc	0.029 J		0.50	0.020	mg/L		03/26/24 16:28	03/28/24 13:44	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Barium	0.098 J		0.50	0.050	mg/L		03/25/24 16:30	03/29/24 23:51	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/25/24 16:30	03/29/24 23:51	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:30	03/29/24 23:51	1
Chromium	0.020 J		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Cobalt	<0.025		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Copper	0.014 J		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Iron	16		0.40	0.20	mg/L		03/25/24 16:30	03/29/24 23:51	1
Lead	0.013		0.0075	0.0075	mg/L		03/25/24 16:30	03/29/24 23:51	1
Manganese	0.15		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Nickel	0.010 J		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:30	03/29/24 23:51	1
Silver	<0.025		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:51	1
Zinc	0.059 J		0.50	0.020	mg/L		03/25/24 16:30	03/29/24 23:51	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 10:42	1

Method: SW846 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		03/29/24 11:50	04/01/24 11:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.020	0.011	mg/Kg	☼	03/28/24 15:45	03/29/24 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			03/27/24 15:31	1

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Qualifiers

GC/MS VOA

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

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
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
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247957-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

1

2

3

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10

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12

13

14

15

Chain of Custody Record 720462



Environment Testing
America

500-247957 COC

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <u>A. Slesarek</u>		Site Contact: <u>C. Pene</u>		Date: <u>3/22/24</u>		COC No	
Company Name: <u>Western Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		<u>3</u> of <u>3</u> COCs	
Address: <u>300 Knightsbridge Pkwy</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Sampler	
City/State/Zip: <u>24000a Drive, IL 60667</u>								For Lab Use Only	
Phone:		TAT if different from Below _____		<u>VOES</u> <u>SVOCs</u> <u>pesticides</u> <u>TRCP / SLP metals</u> <u>ghl</u>		Walk-in Client		Lab Sampling	
Fax:		<input type="checkbox"/> 2 weeks				Job / SDG No		_____	
Project Name: <u>POST, 065</u>		<input type="checkbox"/> 1 week				<u>500-247957</u>		_____	
Site: <u>R80/R55</u>		<input type="checkbox"/> 2 days							
PO#:		<input type="checkbox"/> 1 day						Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont			
1	UL-13(0-5)-032224	3/22/24	0135	G	S	6	X	X	X
2	UL-14(0-5)-032224	↓	0150	↓	↓	↓	↓	↓	↓
3	UL-15(0-4)-032224	↓	0210	↓	↓	↓	↓	↓	↓
4	UL-16(0-4)-032224	↓	0230	↓	↓	↓	↓	↓	↓
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:									
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd <u>4.1</u> Corr'd <u>3.4</u>		Therm ID No _____			
Relinquished by: _____		Company: <u>WS</u>		Date/Time: <u>3/22/24/1300</u>		Received by: <u>A. Slesarek</u>		Company: <u>EETA</u>	
Relinquished by: <u>A. Slesarek</u>		Company: <u>EETA</u>		Date/Time: <u>3/22/24 1412</u>		Received by: <u>C. Pene</u>		Company: <u>EETA</u>	
Relinquished by: _____		Company: _____		Date/Time: _____		Received in Laboratory by: _____		Company: _____	

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 4/9/2024 3:45:51 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247953-1

Eurofins Chicago

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(0-5)-032224

Lab Sample ID: 500-247953-16

Date Collected: 03/22/24 00:50

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0065	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Benzene	<0.0015		0.0015	0.00038	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Bromodichloromethane	<0.0015		0.0015	0.00030	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Bromoform	<0.0015		0.0015	0.00043	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Bromomethane	<0.0037		0.0037	0.0014	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Carbon disulfide	<0.0037		0.0037	0.00077	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Carbon tetrachloride	<0.0015		0.0015	0.00043	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Chlorobenzene	<0.0015		0.0015	0.00055	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Chloroethane	<0.0037		0.0037	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Chloroform	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Chloromethane	<0.0037		0.0037	0.0015	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Dibromochloromethane	<0.0015		0.0015	0.00048	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,1-Dichloroethane	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,2-Dichloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,1-Dichloroethene	<0.0015		0.0015	0.00051	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00052	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Ethylbenzene	<0.0015		0.0015	0.00071	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
2-Hexanone	<0.0037		0.0037	0.0012	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Methylene Chloride	<0.0037		0.0037	0.0015	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
methyl isobutyl ketone	<0.0037		0.0037	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00044	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Styrene	<0.0015		0.0015	0.00045	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Tetrachloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Toluene	<0.0015		0.0015	0.00037	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00066	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00052	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00064	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Trichloroethene	<0.0015		0.0015	0.00050	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Vinyl chloride	<0.0015		0.0015	0.00066	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1
Xylenes, Total	<0.0030		0.0030	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		75 - 131	03/22/24 18:13	03/26/24 20:14	1
Dibromofluoromethane (Surr)	112		75 - 126	03/22/24 18:13	03/26/24 20:14	1
1,2-Dichloroethane-d4 (Surr)	122		70 - 134	03/22/24 18:13	03/26/24 20:14	1
Toluene-d8 (Surr)	110		75 - 124	03/22/24 18:13	03/26/24 20:14	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(0-5)-032224

Lab Sample ID: 500-247953-16

Date Collected: 03/22/24 00:50

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.5

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,4-Dimethylphenol	<0.37		0.37	0.082	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.030	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Chloro-3-methylphenol	<0.37		0.37	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Chloroaniline	<0.74		0.74	0.39	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Benzo[a]pyrene	<0.037		0.037	0.035	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Fluoranthene	<0.037		0.037	0.0085	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Hexachlorobenzene	<0.074		0.074	0.0071	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☆	03/24/24 16:33	03/25/24 22:26	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(0-5)-032224

Lab Sample ID: 500-247953-16

Date Collected: 03/22/24 00:50

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.5

Method: SW846 8270E - 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	0.036	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Isophorone	<0.19		0.19	0.019	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0073	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Phenol	<0.19		0.19	0.016	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Pyrene	<0.037		0.037	0.010	mg/Kg	✳	03/24/24 16:33	03/25/24 22:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143				03/24/24 16:33	03/25/24 22:26	1
2-Fluorobiphenyl (Surr)	77		43 - 145				03/24/24 16:33	03/25/24 22:26	1
2-Fluorophenol (Surr)	76		31 - 166				03/24/24 16:33	03/25/24 22:26	1
Nitrobenzene-d5 (Surr)	73		37 - 147				03/24/24 16:33	03/25/24 22:26	1
Phenol-d5 (Surr)	75		30 - 153				03/24/24 16:33	03/25/24 22:26	1
Terphenyl-d14 (Surr)	67		42 - 157				03/24/24 16:33	03/25/24 22:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		11	4.5	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Antimony	0.39	J	1.1	0.21	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Arsenic	4.9		0.55	0.19	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Barium	15		2.7	0.31	mg/Kg	✳	03/25/24 17:29	04/01/24 23:31	5
Beryllium	0.46	J	1.1	0.25	mg/Kg	✳	03/25/24 17:29	04/02/24 17:23	5
Cadmium	0.81		0.11	0.020	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Calcium	180000	B	55	9.3	mg/Kg	✳	03/25/24 17:29	04/03/24 13:04	5
Chromium	5.9		0.55	0.27	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Cobalt	4.4		0.27	0.071	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Copper	7.5		0.55	0.15	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Iron	10000		55	28	mg/Kg	✳	03/25/24 17:29	04/02/24 17:23	5
Lead	10		1.4	0.63	mg/Kg	✳	03/25/24 17:29	04/02/24 17:23	5
Magnesium	110000	B	27	14	mg/Kg	✳	03/25/24 17:29	04/03/24 13:04	5
Manganese	350		0.55	0.079	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Nickel	12	B	0.55	0.16	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Potassium	940		140	48	mg/Kg	✳	03/25/24 17:29	04/02/24 17:23	5
Selenium	<0.55		0.55	0.32	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Silver	<1.4		1.4	0.35	mg/Kg	✳	03/25/24 17:29	04/01/24 23:31	5
Sodium	650		270	40	mg/Kg	✳	03/25/24 17:29	04/02/24 17:23	5
Thallium	<0.55		0.55	0.27	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Vanadium	8.9		0.27	0.064	mg/Kg	✳	03/25/24 17:29	03/29/24 20:01	1
Zinc	290		5.5	2.4	mg/Kg	✳	03/25/24 17:29	04/01/24 23:31	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/26/24 16:21	03/29/24 02:58	1
Barium	0.46	J	0.50	0.050	mg/L		03/26/24 16:21	03/29/24 02:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:21	04/01/24 13:29	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		03/26/24 16:21	03/29/24 02:58	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(0-5)-032224

Lab Sample ID: 500-247953-16

Date Collected: 03/22/24 00:50

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.5

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:58	1
Cobalt	0.029		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 22:01	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:58	1
Iron	<0.40		0.40	0.20	mg/L		03/26/24 16:21	03/29/24 02:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/26/24 16:21	03/29/24 22:01	1
Manganese	4.6		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:58	1
Nickel	0.027		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 22:01	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:21	03/29/24 02:58	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:58	1
Zinc	<0.50		0.50	0.020	mg/L		03/26/24 16:21	03/29/24 22:01	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.069		0.050	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Barium	0.22	J	0.50	0.050	mg/L		03/25/24 16:30	03/29/24 23:09	1
Beryllium	0.0042		0.0040	0.0040	mg/L		03/25/24 16:30	03/29/24 23:09	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:30	03/29/24 23:09	1
Chromium	0.091		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Cobalt	0.049		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Copper	0.13		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Iron	120		0.40	0.20	mg/L		03/25/24 16:30	03/29/24 23:09	1
Lead	0.094		0.0075	0.0075	mg/L		03/25/24 16:30	03/29/24 23:09	1
Manganese	0.77		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Nickel	0.13		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:30	03/29/24 23:09	1
Silver	0.038		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:09	1
Zinc	0.34	J	0.50	0.020	mg/L		03/25/24 16:30	03/29/24 23:09	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:49	1

Method: SW846 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		03/29/24 11:50	04/01/24 11:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.018	0.0096	mg/Kg	☼	03/29/24 16:35	04/01/24 08:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.0		0.2	0.2	SU			03/28/24 13:50	1

Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(5-10)-032224

Lab Sample ID: 500-247953-17

Date Collected: 03/22/24 01:00

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0062	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Benzene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Bromodichloromethane	<0.0014		0.0014	0.00029	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Bromoform	<0.0014		0.0014	0.00042	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Bromomethane	<0.0036		0.0036	0.0013	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Carbon disulfide	<0.0036		0.0036	0.00074	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Carbon tetrachloride	<0.0014		0.0014	0.00041	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Chlorobenzene	<0.0014		0.0014	0.00053	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Chloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Chloroform	<0.0014		0.0014	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Chloromethane	<0.0036		0.0036	0.0014	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00040	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Dibromochloromethane	<0.0014		0.0014	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,1-Dichloroethane	<0.0014		0.0014	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,2-Dichloroethane	<0.0036		0.0036	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,1-Dichloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00050	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Ethylbenzene	<0.0014		0.0014	0.00068	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
2-Hexanone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Methylene Chloride	<0.0036		0.0036	0.0014	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
methyl isobutyl ketone	<0.0036		0.0036	0.0011	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00042	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Styrene	<0.0014		0.0014	0.00043	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00046	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Tetrachloroethene	<0.0014		0.0014	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Toluene	<0.0014		0.0014	0.00036	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00063	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00050	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00048	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00061	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Trichloroethene	<0.0014		0.0014	0.00048	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Vinyl chloride	<0.0014		0.0014	0.00063	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1
Xylenes, Total	<0.0028		0.0028	0.00046	mg/Kg	☆	03/22/24 18:13	03/26/24 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	03/22/24 18:13	03/26/24 20:38	1
Dibromofluoromethane (Surr)	110		75 - 126	03/22/24 18:13	03/26/24 20:38	1
1,2-Dichloroethane-d4 (Surr)	118		70 - 134	03/22/24 18:13	03/26/24 20:38	1
Toluene-d8 (Surr)	113		75 - 124	03/22/24 18:13	03/26/24 20:38	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:52	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 22:52	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:52	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:52	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:52	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(5-10)-032224

Lab Sample ID: 500-247953-17

Date Collected: 03/22/24 01:00

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.6

Method: SW846 8270E - 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	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Acenaphthene	<0.036		0.036	0.0075	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Benzo[g,h,i]perylene	0.018	J	0.036	0.0079	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Fluorene	<0.036		0.036	0.011	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(5-10)-032224

Lab Sample ID: 500-247953-17

Date Collected: 03/22/24 01:00

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0072	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Phenol	<0.18		0.18	0.016	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1
Pyrene	<0.036		0.036	0.010	mg/Kg	✳	03/24/24 16:33	03/25/24 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		31 - 143	03/24/24 16:33	03/25/24 22:52	1
2-Fluorobiphenyl (Surr)	70		43 - 145	03/24/24 16:33	03/25/24 22:52	1
2-Fluorophenol (Surr)	70		31 - 166	03/24/24 16:33	03/25/24 22:52	1
Nitrobenzene-d5 (Surr)	70		37 - 147	03/24/24 16:33	03/25/24 22:52	1
Phenol-d5 (Surr)	70		30 - 153	03/24/24 16:33	03/25/24 22:52	1
Terphenyl-d14 (Surr)	66		42 - 157	03/24/24 16:33	03/25/24 22:52	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7000		11	4.5	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Antimony	0.57	J	1.1	0.22	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Arsenic	11		0.56	0.19	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Barium	28		2.8	0.32	mg/Kg	✳	03/25/24 17:29	04/01/24 23:35	5
Beryllium	0.61	J	1.1	0.26	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Cadmium	<0.11		0.11	0.020	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Calcium	88000	B	56	9.4	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Chromium	12		0.56	0.27	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Cobalt	11		0.28	0.073	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Copper	17		0.56	0.16	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Iron	19000		56	29	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Lead	12		1.4	0.64	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Magnesium	54000	B	28	14	mg/Kg	✳	03/25/24 17:29	04/03/24 13:16	5
Manganese	330		0.56	0.080	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Nickel	26	B	0.56	0.16	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Potassium	2200		140	49	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Selenium	<0.56		0.56	0.33	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Silver	<1.4		1.4	0.36	mg/Kg	✳	03/25/24 17:29	04/01/24 23:35	5
Sodium	810		280	41	mg/Kg	✳	03/25/24 17:29	04/02/24 17:26	5
Thallium	<0.56		0.56	0.28	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Vanadium	17		0.28	0.065	mg/Kg	✳	03/25/24 17:29	03/29/24 20:05	1
Zinc	44		5.6	2.4	mg/Kg	✳	03/25/24 17:29	04/01/24 23:35	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.010	J	0.050	0.010	mg/L		03/26/24 16:21	03/29/24 03:03	1
Barium	0.56		0.50	0.050	mg/L		03/26/24 16:21	03/29/24 03:03	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:21	04/01/24 13:33	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		03/26/24 16:21	03/29/24 03:03	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-11(5-10)-032224

Lab Sample ID: 500-247953-17

Date Collected: 03/22/24 01:00

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 86.6

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 03:03	1
Cobalt	0.042		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 22:05	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 03:03	1
Iron	3.6		0.40	0.20	mg/L		03/26/24 16:21	03/29/24 03:03	1
Lead	0.012		0.0075	0.0075	mg/L		03/26/24 16:21	03/29/24 22:05	1
Manganese	5.0		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 03:03	1
Nickel	0.046		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 22:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:21	03/29/24 03:03	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 03:03	1
Zinc	0.067 J		0.50	0.020	mg/L		03/26/24 16:21	03/29/24 22:05	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.064		0.050	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Barium	0.18 J		0.50	0.050	mg/L		03/25/24 16:30	03/29/24 23:23	1
Beryllium	0.0041		0.0040	0.0040	mg/L		03/25/24 16:30	03/29/24 23:23	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:30	03/29/24 23:23	1
Chromium	0.096		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Cobalt	0.030		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Copper	0.13		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Iron	110		0.40	0.20	mg/L		03/25/24 16:30	03/29/24 23:23	1
Lead	0.064		0.0075	0.0075	mg/L		03/25/24 16:30	03/29/24 23:23	1
Manganese	0.46		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Nickel	0.11		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:30	03/29/24 23:23	1
Silver	0.037		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:23	1
Zinc	0.29 J		0.50	0.020	mg/L		03/25/24 16:30	03/29/24 23:23	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:51	1

Method: SW846 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		03/29/24 11:50	04/01/24 11:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.019		0.019	0.0098	mg/Kg	☼	03/29/24 16:35	04/01/24 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.0		0.2	0.2	SU			03/28/24 13:52	1

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

3

4

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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

Chain of Custody Record 720459



Environment Testing
America

500-247953 COC

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <i>A. Slesens</i>		Site Contact: <i>C. Pace</i>		Date:		COC No						
Company Name: <i>Weston Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		1 of 3 COCs						
Address: <i>300 Knightsbridge Pkwy</i>		Analysis Turnaround Time												
City/State/Zip: <i>Lincoln Shire, Pa 16069</i>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day						Sampler				
Phone:										For Lab Use Only:				
Fax:										Walk-in Client				
Project Name: <i>EDOT 065</i>										Lab Sampling				
Site: <i>ESD / EBS</i>										Job / SDG No				
P O #:						500-247953								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	VOCs	SOCs	Total Metals	TELP/SALP metals	pH	Sample Specific Notes
1	VL-1(0-5)-032124	3/21/24	1010	G	S	6			X	X	X	X	X	
2	VL-1(5-10)-032124		1015											
3	VL-1(0-5)-032124D		1010											
4	VL-2(0-5)-032124		1035											
5	VL-2(5-10)-032124		1040											
6	VL-3(0-4)-032124		1050											
7	VL-4(0-4)-032124		1110											
8	VL-4(0-4)-032124D		1110											
9	VL-5(0-4)-032124		1120											
10	VL-6(0-4)-032124		1130											
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 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:														
4.0-3.3, 4.1-3.4 48qt														
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd		Cont'd		Therm ID No						
Relinquished by: <i>[Signature]</i>		Company: <i>WS</i>		Date/Time: <i>3/22/24 1300</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1320</i>				
Relinquished by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>				
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:				

Chain of Custody Record 720461



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <i>A. Sleser</i>		Site Contact <i>C. Fine</i>		Date		COC No			
Company Name <i>Western Solutions</i>		Tel/Email		Lab Contact		Carrier		2 of 3 COCs			
Address <i>300 Knightsbridge Pkwy</i>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		UOES SUOCs Total Metals TRCP / SRCP Methods PA				Sampler	
City/State/Zip <i>Lincolnshire, IL 60068</i>										For Lab Use Only:	
Phone										Walk-in Client <input type="checkbox"/>	
Fax										Lab Sampling <input type="checkbox"/>	
Project Name <i>FDS 065</i>								Job / SDG No			
Site <i>I80/I55</i>								<i>500-277953</i>			
P O #											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont			Sample Specific Notes		
11	VL-7(0-4)-032224	3-21-24	1150	G	S	6	X	X			
12	VL-7(0-4)-032224D	3-21-24	1150								
13	VL-8(0-4)-032224	3-22-24	0000								
14	VL-9(0-4)-032224		0015								
15	VL-10(0-4)-032224		0035								
16	VL-11(0-5)-032224		0050								
17	VL-11(5-10)-032224		0100								
18	VL-12(0-5)-032224		0115								
19	VL-12(5-10)-032224		0120								
20	VL-12(5-10)-032224D		0120								

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

Non Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client Disposal by Lab Archive for _____ Months

Special Instructions/QC Requirements & Comments:

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 <i>[Signature]</i>	Company <i>US</i>	Date/Time <i>3-22-24 1320</i>	Received by <i>[Signature]</i>	Company <i>EETA</i>
Relinquished by <i>[Signature]</i>	Company <i>EETA</i>	Date/Time <i>3/22/24 1412</i>	Received by <i>[Signature]</i>	Company <i>[Signature]</i>
Relinquished by	Company	Date/Time	Received in Laboratory by	Company



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 – I-55 Interchange, Ridge Road to US 30 Office Phone Number, if available: _____

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

22000 Block of Southeast Frontage Road (ISGS Site No. 2233V3-71)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.48018 Longitude: - 88.19699

(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.): 233

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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@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: Vanessa Ruiz

Email, if available: Vanessa.Ruiz@illinois.gov

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

Uncontaminated Soil Certification

III. Basis for Certification and Attachments

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

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

LOCATION VL-10 WAS SAMPLED ALONG THE I-55 RAMP B ROW. SEE FIGURE 3-6, AND TABLE 4-1 OF THE 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]:

EUROFINS ANALYTICAL REPORT - JOB ID: 500-247953-1. ALSO SEE FIGURE 4-6 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

I, Timothy J. Hoff, 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.

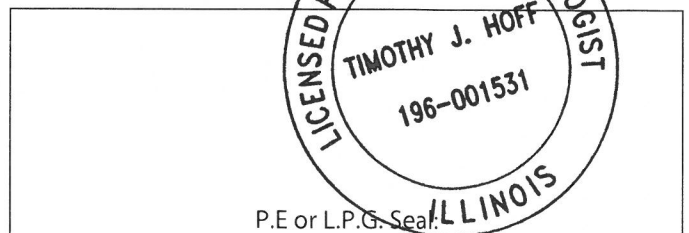
Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

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

Timothy J. Hoff, P.G.
Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

6/17/24
Date:



Summary Table of ISGS Site No. 2233V3-71
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	VL-10
Sample Date		3/22/2024
Field Sample ID		VL-10(0-4)-032224
ISGS Site No.		2233V3-71
Laboratory pH	<6.25; >9.0	7.7
VOCs (mg/kg)		
Acetone	---	0.057
Methyl ethyl ketone	---	0.013
SVOCs		
Total Metals (mg/kg)		None Detected
Aluminum, Total	---	9000
Antimony, Total	5	0.47 J
Arsenic, Total	11.3 / 13.0	7.6
Barium, Total	1500	73
Beryllium, Total	22	0.81 J
Cadmium, Total	5.2	0.1 J
Calcium, Total	---	41000 B
Chromium, Total	21	12
Cobalt, Total	20	8.3
Copper, Total	2900	15
Iron, Total	15000 / 15900	16000
Lead, Total	107	20
Magnesium, Total	325000	26000 B
Manganese, Total	630 / 636	330
Mercury, Total	0.89	0.033 J
Nickel, Total	100	21 B
Potassium, Total	---	1400
Selenium, Total	1.3	ND
Silver, Total	4.4	ND
Sodium, Total	---	1900
Thallium, Total	2.6	ND
Vanadium, Total	550	23
Zinc, Total	5100	62
TCLP Metals (mg/l)		
Arsenic, TCLP	0.05	ND
Barium, TCLP	2	0.86
Beryllium, TCLP	0.004	ND
Cadmium, TCLP	0.005	0.0027 J
Chromium, TCLP	0.1	ND
Cobalt, TCLP	1	0.045
Copper, TCLP	0.65	ND
Iron, TCLP	5	6.4
Lead, TCLP	0.0075	ND
Manganese, TCLP	0.15	9.5
Mercury, TCLP	0.002	ND
Nickel, TCLP	0.1	0.063
Selenium, TCLP	0.05	ND
Silver, TCLP	0.05	ND
Zinc, TCLP	5	0.24 J

Summary Table of ISGS Site No. 2233V3-71
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 – I-55 Interchange, Ridge Road to US 30, Will County, Illinois

Location	Soil Reference Concentrations (MAC Table)	VL-10
Sample Date		3/22/2024
Field Sample ID		VL-10(0-4)-032224
ISGS Site No.		2233V3-71
SPLP Metals (mg/l)		
Arsenic, SPLP	0.05	0.05
Barium, SPLP	2	0.45 J
Beryllium, SPLP	0.004	0.0045
Cadmium, SPLP	0.005	ND
Chromium, SPLP	0.1	0.11
Cobalt, SPLP	1	0.04
Copper, SPLP	0.65	0.16
Iron, SPLP	5	130
Lead, SPLP	0.0075	0.12
Manganese, SPLP	0.15	1.3
Mercury, SPLP	0.002	ND
Nickel, SPLP	0.1	0.11
Selenium, SPLP	0.05	ND
Silver, SPLP	0.05	0.041
Zinc, SPLP	5	0.43 J

Notes:


--- - not applicable or value not available.

include background values for Chicago

ND - Constituent not detected above the reporting limit.

B - Compound was found in the blank and the investigative sample.

J - Estimated concentration.

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



ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andris Slesers
Weston Solutions Inc
300 Knightsbridge Parkway
Suite 360
Lincolnshire, Illinois 60069

Generated 4/9/2024 3:45:51 PM

JOB DESCRIPTION

IDOT - WO 065 - FAI 80 - I55 Interchange

JOB NUMBER

500-247953-1

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



Generated
4/9/2024 3:45:51 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-10(0-4)-032224

Lab Sample ID: 500-247953-15

Date Collected: 03/22/24 00:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 85.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.057		0.016	0.0070	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Benzene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Bromodichloromethane	<0.0016		0.0016	0.00033	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Bromoform	<0.0016		0.0016	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Bromomethane	<0.0040		0.0040	0.0015	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Carbon disulfide	<0.0040		0.0040	0.00084	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Carbon tetrachloride	<0.0016		0.0016	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Chlorobenzene	<0.0016		0.0016	0.00060	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Chloroethane	<0.0040		0.0040	0.0012	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Chloroform	<0.0016		0.0016	0.00056	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Chloromethane	<0.0040		0.0040	0.0016	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00045	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Dibromochloromethane	<0.0016		0.0016	0.00053	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,1-Dichloroethane	<0.0016		0.0016	0.00055	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,2-Dichloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,1-Dichloroethene	<0.0016		0.0016	0.00056	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00057	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Ethylbenzene	<0.0016		0.0016	0.00077	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
2-Hexanone	<0.0040		0.0040	0.0013	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Methylene Chloride	<0.0040		0.0040	0.0016	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Methyl Ethyl Ketone	0.013		0.0040	0.0018	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
methyl isobutyl ketone	<0.0040		0.0040	0.0012	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00047	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Styrene	<0.0016		0.0016	0.00049	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00052	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Tetrachloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Toluene	<0.0016		0.0016	0.00041	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00072	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00057	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00054	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00069	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Trichloroethene	<0.0016		0.0016	0.00055	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Vinyl chloride	<0.0016		0.0016	0.00071	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1
Xylenes, Total	<0.0032		0.0032	0.00052	mg/Kg	☆	03/22/24 18:13	03/26/24 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	03/22/24 18:13	03/26/24 19:50	1
Dibromofluoromethane (Surr)	112		75 - 126	03/22/24 18:13	03/26/24 19:50	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	03/22/24 18:13	03/26/24 19:50	1
Toluene-d8 (Surr)	108		75 - 124	03/22/24 18:13	03/26/24 19:50	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-10(0-4)-032224

Lab Sample ID: 500-247953-15

Date Collected: 03/22/24 00:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 85.3

Method: SW846 8270E - 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	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.030	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Chloro-3-methylphenol	<0.37		0.37	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Chloroaniline	<0.74		0.74	0.39	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Benzo[g,h,i]perylene	<0.037		0.037	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Hexachlorobenzene	<0.074		0.074	0.0071	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-10(0-4)-032224

Lab Sample ID: 500-247953-15

Date Collected: 03/22/24 00:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 85.3

Method: SW846 8270E - 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	0.036	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0073	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☆	03/24/24 16:33	03/25/24 22:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				03/24/24 16:33	03/25/24 22:01	1
2-Fluorobiphenyl (Surr)	76		43 - 145				03/24/24 16:33	03/25/24 22:01	1
2-Fluorophenol (Surr)	74		31 - 166				03/24/24 16:33	03/25/24 22:01	1
Nitrobenzene-d5 (Surr)	64		37 - 147				03/24/24 16:33	03/25/24 22:01	1
Phenol-d5 (Surr)	75		30 - 153				03/24/24 16:33	03/25/24 22:01	1
Terphenyl-d14 (Surr)	69		42 - 157				03/24/24 16:33	03/25/24 22:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9000		11	4.6	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Antimony	0.47	J	1.1	0.22	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Arsenic	7.6		0.56	0.19	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Barium	73		0.56	0.064	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Beryllium	0.81	J	1.1	0.26	mg/Kg	☆	03/25/24 17:29	04/02/24 17:19	5
Cadmium	0.10	J	0.11	0.020	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Calcium	41000	B	56	9.5	mg/Kg	☆	03/25/24 17:29	04/02/24 17:19	5
Chromium	12		0.56	0.28	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Cobalt	8.3		0.28	0.074	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Copper	15		0.56	0.16	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Iron	16000		11	5.8	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Lead	20		1.4	0.65	mg/Kg	☆	03/25/24 17:29	04/02/24 17:19	5
Magnesium	26000	B	28	14	mg/Kg	☆	03/25/24 17:29	04/03/24 13:00	5
Manganese	330		0.56	0.082	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Nickel	21	B	0.56	0.16	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Potassium	1400		140	50	mg/Kg	☆	03/25/24 17:29	04/02/24 17:19	5
Selenium	<0.56		0.56	0.33	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Silver	<1.4		1.4	0.36	mg/Kg	☆	03/25/24 17:29	04/01/24 23:27	5
Sodium	1900		280	42	mg/Kg	☆	03/25/24 17:29	04/02/24 17:19	5
Thallium	<0.56		0.56	0.28	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Vanadium	23		0.28	0.066	mg/Kg	☆	03/25/24 17:29	03/29/24 19:57	1
Zinc	62		5.6	2.5	mg/Kg	☆	03/25/24 17:29	04/01/24 23:27	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		03/26/24 16:21	03/29/24 02:54	1
Barium	0.86		0.50	0.050	mg/L		03/26/24 16:21	03/29/24 02:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		03/26/24 16:21	04/01/24 13:24	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		03/26/24 16:21	03/29/24 02:54	1

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Client Sample Results

Client: Weston Solutions Inc
 Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Client Sample ID: VL-10(0-4)-032224

Lab Sample ID: 500-247953-15

Date Collected: 03/22/24 00:35

Matrix: Solid

Date Received: 03/22/24 14:12

Percent Solids: 85.3

Method: SW846 6010D - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:54	1
Cobalt	0.045		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:57	1
Copper	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:54	1
Iron	6.4		0.40	0.20	mg/L		03/26/24 16:21	03/29/24 02:54	1
Lead	<0.0075		0.0075	0.0075	mg/L		03/26/24 16:21	03/29/24 21:57	1
Manganese	9.5		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:54	1
Nickel	0.063		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 21:57	1
Selenium	<0.050		0.050	0.020	mg/L		03/26/24 16:21	03/29/24 02:54	1
Silver	<0.025		0.025	0.010	mg/L		03/26/24 16:21	03/29/24 02:54	1
Zinc	0.24	J	0.50	0.020	mg/L		03/26/24 16:21	03/29/24 21:57	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.050		0.050	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Barium	0.45	J	0.50	0.050	mg/L		03/25/24 16:30	03/29/24 23:05	1
Beryllium	0.0045		0.0040	0.0040	mg/L		03/25/24 16:30	03/29/24 23:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		03/25/24 16:30	03/29/24 23:05	1
Chromium	0.11		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Cobalt	0.040		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Copper	0.16		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Iron	130		0.40	0.20	mg/L		03/25/24 16:30	03/29/24 23:05	1
Lead	0.12		0.0075	0.0075	mg/L		03/25/24 16:30	03/29/24 23:05	1
Manganese	1.3		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Nickel	0.11		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Selenium	<0.050		0.050	0.020	mg/L		03/25/24 16:30	03/29/24 23:05	1
Silver	0.041		0.025	0.010	mg/L		03/25/24 16:30	03/29/24 23:05	1
Zinc	0.43	J	0.50	0.020	mg/L		03/25/24 16:30	03/29/24 23:05	1

Method: SW846 7470A - Mercury (CVAA) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		03/29/24 11:50	04/01/24 09:46	1

Method: SW846 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		03/29/24 11:50	04/01/24 11:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033	F1	0.018	0.0098	mg/Kg	☼	03/29/24 16:35	04/01/24 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			03/28/24 13:48	1

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Qualifiers

GC/MS VOA

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT - WO 065 - FAI 80 - I55 Interchange

Job ID: 500-247953-1

Laboratory: Eurofins Chicago

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

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	IL00035	04-29-24

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

Chain of Custody Record 720459



Environment Testing
America

500-247953 COC

TAL-8210

Address _____

Regulatory Program: DW NPDES RCRA Other

Client Contact		Project Manager: <i>A. Slesens</i>		Site Contact: <i>C. Pace</i>		Date:		COC No						
Company Name: <i>Weston Solutions</i>		Tel/Email:		Lab Contact:		Carrier:		1 of 3 COCs						
Address: <i>300 Knightsbridge Pkwy</i>		Analysis Turnaround Time												
City/State/Zip: <i>Lincoln Shire, PA 60069</i>		<input type="checkbox"/> CALENDAR DAYS		<input type="checkbox"/> WORKING DAYS				Sampler						
Phone:		TAT if different from Below _____						For Lab Use Only:						
Fax:		<input type="checkbox"/> 2 weeks		<input type="checkbox"/> 1 week				Walk-in Client						
Project Name: <i>EDOT 065</i>		<input type="checkbox"/> 2 days		<input type="checkbox"/> 1 day				Lab Sampling						
Site: <i>ESD / EBS</i>								Job / SDG No						
P O #:								<i>500-247953</i>						
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes					
									VOCs SVOCs Total Metals TCLP/SPLP metals pH					
1	<i>VL-1(0-5)-032124</i>	<i>3/21/24</i>	<i>1010</i>	<i>6</i>	<i>S</i>	<i>6</i>			X	X	X	X	X	
2	<i>VL-1(5-10)-032124</i>		<i>1015</i>											
3	<i>VL-1(0-5)-032124D</i>		<i>1010</i>											
4	<i>VL-2(0-5)-032124</i>		<i>1035</i>											
5	<i>VL-2(5-10)-032124</i>		<i>1040</i>											
6	<i>VL-3(0-4)-032124</i>		<i>1050</i>											
7	<i>VL-4(0-4)-032124</i>		<i>1110</i>											
8	<i>VL-4(0-4)-032124D</i>		<i>1110</i>											
9	<i>VL-5(0-4)-032124</i>		<i>1120</i>											
10	<i>VL-6(0-4)-032124</i>		<i>1130</i>											
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 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:														
<i>4.0-3.3, 4.1-3.4 48qt</i>														
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Cor'd _____		Therm ID No _____								
Relinquished by: <i>[Signature]</i>		Company: <i>WS</i>		Date/Time: <i>3/22/24 1300</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1320</i>				
Relinquished by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>		Received by: <i>[Signature]</i>		Company: <i>EETA</i>		Date/Time: <i>3/22/24 1412</i>				
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:				

Chain of Custody Record 720461



Environment Testing
America

Address _____

Regulatory Program: DW NPDES RCRA Other

TAL-8210

Client Contact		Project Manager: <u>A. Sleser</u>		Site Contact: <u>C. Fine</u>		Date:		COC No			
Company Name: <u>Western Solutions</u>		Tel/Email:		Lab Contact:		Carrier:		2 of 3 COCs			
Address: <u>300 Knightsbridge Pkwy</u>		Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below _____ <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		UOES SUOCs Total Metals TRCP / SRCP Methods PA				Sampler	
City/State/Zip: <u>Lincolnshire, IL 60068</u>										For Lab Use Only:	
Phone:										Walk-in Client	
Fax:										Lab Sampling	
Project Name: <u>F087 065</u>								Job / SDG No			
Site: <u>I80 / I55</u>								<u>500-277953</u>			
P O #:											
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont				Sample Specific Notes	
11	VL-7(0-4)-032224	3-21-24	1150	G	S	6		X	X		
12	VL-7(0-4)-032224D	3-21-24	1150								
13	VL-8(0-4)-032224	3-22-24	0000								
14	VL-9(0-4)-032224		0015								
15	VL-10(0-4)-032224		0035								
16	VL-11(0-5)-032224		0050								
17	VL-11(5-10)-032224		0100								
18	VL-12(0-5)-032224		0115								
19	VL-12(5-10)-032224		0120								
20	VL-12(5-10)-032224D		0120								
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:											
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>US</u>		Date/Time: <u>3-22-24 1320</u>		Received by: <u>[Signature]</u>		Company: <u>EETA</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>EETA</u>		Date/Time: <u>3/22/24 1412</u>		Received by: <u>[Signature]</u>		Company: <u>[Signature]</u>			
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:			