



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 94 - I-94 at US 6 / 159th St to Michigan City Rd Office Phone Number, if available: _____

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

15027 Blackstone Avenue (ISGS Site No. 3227V-16)

City: Dolton State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: _____ Longitude: - _____

(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.): 113

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: 847-705-4627

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: 847-705-4627

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 R16-1, R16-2, R16-3, R16-4, AND R16-5 WERE SAMPLED ADJACENT TO ISGS SITE 3227V-16. SEE FIGURE 3-1, 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]:

TESTAMERICA ANALYTICAL REPORTS - JOB IDS: 500-259381-1. ALSO SEE FIGURE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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


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

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

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

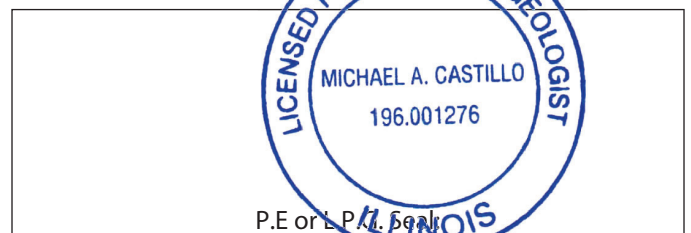
Michael A. Castillo, P.G.

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

24 February 2025

Date:



Summary Table - Residences (ISGS Site No. 3727V-16)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 94 - I-94 at US 6 / 159th Street to Michigan City Road
Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R16-1	R16-1	R16-2	R16-3	R16-3	R16-4	R16-4	R16-5	R16-5
Field Sample ID		R16-1(0-4)-103124	R16-1(4-9)-103124	R16-2(0-2)-103124	R16-3(0-2)-103124	R16-3(0-2)-103124D	R16-4(0-3)-103124	R16-4(3-6)-103124	R16-5(0-4)-103124	R16-5(4-9)-103124
Sample Date		10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024
ISGS Site No.		3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16
Laboratory pH	<6.25,>9.0	6.9	6.7	7.6	8.5	7.9	8.4	8.3	7.8	7.3
VOCs		No Detections								
SVOCs (mg/kg)										
2-Methylnaphthalene	---	ND	ND	ND	0.019 J	ND	ND	ND	ND	ND
Acenaphthene	570	ND	ND	ND	0.11	ND	ND	ND	ND	ND
Acenaphthylene	---	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	12000	ND	ND	ND	0.46 J	0.025 J	ND	ND	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	ND	ND	ND	1.1 J	0.072 J	0.029 J	0.029 J	ND	ND
Benzo(a)pyrene	0.09 / 11 / 2.1	ND	ND	ND	1 J	0.084 J	ND	ND	ND	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	ND	ND	ND	1.1 J	0.095 J	ND	ND	ND	ND
Benzo(g,h,i)perylene	---	ND	ND	ND	0.5 J	0.038 J	ND	ND	ND	ND
Benzo(k)fluoranthene	9	ND	ND	ND	0.56 J	0.042 J	ND	ND	ND	ND
Carbazole	0.6	ND	ND	ND	0.064 J	ND	ND	ND	ND	ND
Chrysene	88	ND	ND	ND	0.91 J	0.058 J	0.018 J	0.017 J	ND	ND
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	ND	ND	ND	0.2	ND	ND	ND	ND	ND
Dibenzofuran	---	ND	ND	ND	0.064 J	ND	ND	ND	ND	ND
Di-N-Butyl phthalate	2300	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	3100	ND	0.02 J	ND	2.2 J	0.13	0.042 J	0.035 J	ND	ND
Fluorene	560	ND	ND	ND	0.15	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	ND	ND	ND	0.67 J	0.054 J	ND	ND	ND	ND
Naphthalene	1.8	ND	ND	ND	0.015 J	ND	ND	ND	ND	ND
Phenanthrene	---	ND	ND	ND	1.6 J	0.082 J	0.02 J	0.02 J	ND	ND
Pyrene	2300	ND	ND	ND	2.1 J	0.11 J	0.031 J	0.03 J	ND	ND

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Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R16-1	R16-1	R16-2	R16-3	R16-3	R16-4	R16-4	R16-5	R16-5
Field Sample ID		R16-1(0-4)- 103124	R16-1(4-9)- 103124	R16-2(0-2)- 103124	R16-3(0-2)- 103124	R16-3(0-2)- 103124D	R16-4(0-3)- 103124	R16-4(3-6)- 103124	R16-5(0-4)- 103124	R16-5(4-9)- 103124
Sample Date		10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024
ISGS Site No.		3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16
Total Metals (mg/kg)										
Aluminum, Total	---	1900	2200	2800	3100	2800	2500	2400	2500	1800
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	1.6	3.1	1.6	2.7	2	2.5	2.3	1.9	3.4
Barium, Total	1500	7.4	8	12	17	14	14	13	9	7.6
Beryllium, Total	22	0.074 J	0.12 J	0.089 J	0.15 J	0.13 J	0.17 J	0.17 J	0.095 J	0.13 J
Cadmium, Total	5.2	ND	ND	ND	0.079 J	0.026 J	0.066 J	0.076 J	ND	ND
Calcium, Total	---	390 B	580 B^2	530 B^2	4300 J	1400 J	11000 B^2	5000 B^2	440 B	410 B
Chromium, Total	21	3	4.8	2.9	4.7	3.3	3.9	3.3	2.8	12
Cobalt, Total	20	1.2	2	1.3	1.8	1.4	2.8	2	1.5	4
Copper, Total	2900	1.4	3.1	1.9	4.4 J	2.5 J	3.6	3.4	1.6	2.6
Iron, Total	15000 / 15900	2600	3300	3000	5700	3600	4200	3400	3100	4900
Lead, Total	107	2	4	3.3	32 J	9.8 J	8.8	8.9	8.1	3.1
Magnesium, Total	325000	440	790	460	2000 J	730 J	4000	1000	450	500
Manganese, Total	630 / 636	14	26	15	69	46	100	61	29	54
Mercury, Total	0.89	0.029	0.036	0.022	0.023	0.019 J	0.046	0.054	0.011 J	0.032
Nickel, Total	100	2.3	4.6	2.2	3.7	2.6	4.8	3.4	2.4	4.7
Potassium, Total	---	180	500	200	270	210	400	270	190	260
Selenium, Total	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	---	26 J	56	76	170	140	110	96	130	130
Thallium, Total	2.6	ND	ND	ND	0.3 J	ND	0.52	0.31 J	ND	0.26 J
Vanadium, Total	550	3.8	8	4.3	6	4.9	5.6	4.6	4.4	5
Zinc, Total	5100	8.9	10	14	32 J	18 J	20	26	13	12

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Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R16-1	R16-1	R16-2	R16-3	R16-3	R16-4	R16-4	R16-5	R16-5
Field Sample ID		R16-1(0-4)-103124	R16-1(4-9)-103124	R16-2(0-2)-103124	R16-3(0-2)-103124	R16-3(0-2)-103124D	R16-4(0-3)-103124	R16-4(3-6)-103124	R16-5(0-4)-103124	R16-5(4-9)-103124
Sample Date		10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024	10/31/2024
ISGS Site No.		3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16	3727V-16
TCLP Metals (mg/l)										
Arsenic, TCLP	0.05	ND	0.022 J	ND	ND	0.013 J	ND	ND	ND	ND
Barium, TCLP	2	0.1 J	0.12 J	0.22 J	0.44 J	0.26 J	0.25 J	0.17 J	0.19 J	0.074 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	ND	ND	ND	0.0033 J	ND	0.0022 J	ND	ND	ND
Chromium, TCLP	0.1	0.015 J	0.041	0.034	0.03	0.033	0.015 J	0.012 J	0.027	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	0.011 J	0.025	0.028	0.037	0.031	0.018 J	0.013 J	0.031	ND
Iron, TCLP	5	5.5	22	23	19	28	9.7	6	23	4.3
Lead, TCLP	0.0075	ND	0.039	0.034	0.28 J	0.08 J	0.03	0.12	0.069	ND
Manganese, TCLP	0.15	0.037	0.17	0.18	3.2 J	0.61 J	1.5	0.68	0.49	0.17
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.01 J	0.027	0.026	0.031	0.027	0.022 J	0.014 J	0.025	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.039 J	0.064 J	0.2 J	0.39 J	0.23 J	0.11 J	0.2 J	0.19 J	ND
SPLP Metals (mg/l)										
Arsenic, SPLP	0.05	ND	ND	ND	0.014 J	0.017 J	0.023 J	0.01 J	ND	0.018 J
Barium, SPLP	2	0.061 J	ND	0.14 J	0.24 J	0.21 J	0.23 J	0.11 J	0.062 J	0.069 J
Beryllium, SPLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.025	0.018 J	0.034	0.048	0.041	0.055	0.027	0.012 J	0.019 J
Cobalt, SPLP	1	ND	ND	0.013 J	0.015 J	0.015 J	0.032	0.014 J	ND	0.039
Copper, SPLP	0.65	0.01 J	ND	0.022 J	0.044	0.038	0.061	0.035	0.011 J	0.02 J
Iron, SPLP	5	9.6	10	20	38	34	45	19	9.1	25
Lead, SPLP	0.0075	ND	0.016	0.028	0.31 J	0.16 J	0.16	0.12	0.03	0.021
Manganese, SPLP	0.15	0.055	0.066	0.1	0.47	0.41	0.92	0.37	0.17	0.66
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.014 J	0.011 J	0.024 J	0.035	0.029	0.058	0.023 J	ND	0.014 J
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.054 J	0.028 J	0.14 J	0.34 J	0.26 J	0.29 J	0.25 J	0.064 J	0.045 J

Notes:

--- - not applicable, value not available, or not analyzed.

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.

J - Estimated concentration.

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

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 007 FAI 94 Dolton

JOB NUMBER

500-259381-1

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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11/14/2024 5:41:36 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 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(0-4)-103124

Lab Sample ID: 500-259381-4

Date Collected: 10/31/24 09:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 98.2

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	☆	11/01/24 09:18	11/04/24 15:30	1
Benzene	<0.0017		0.0017	0.00055	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Bromodichloromethane	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Carbon disulfide	<0.0043		0.0043	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Carbon tetrachloride	<0.0017		0.0017	0.00059	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Chlorobenzene	<0.0017		0.0017	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Chloromethane	<0.0043		0.0043	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Dibromochloromethane	<0.0017		0.0017	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,1-Dichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,2-Dichloroethane	<0.0043		0.0043	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,1-Dichloroethene	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00083	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Ethylbenzene	<0.0017		0.0017	0.00091	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Methylene Chloride	<0.0043		0.0043	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
methyl isobutyl ketone	<0.0043		0.0043	0.0031	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Tetrachloroethene	<0.0017		0.0017	0.00097	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00083	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Vinyl chloride	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	11/01/24 09:18	11/04/24 15:30	1
Dibromofluoromethane (Surr)	105		75 - 126	11/01/24 09:18	11/04/24 15:30	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	11/01/24 09:18	11/04/24 15:30	1
Toluene-d8 (Surr)	103		75 - 124	11/01/24 09:18	11/04/24 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.23		0.23	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
1,2-Dichlorobenzene	<0.23		0.23	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
1,3-Dichlorobenzene	<0.23		0.23	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
1,4-Dichlorobenzene	<0.23		0.23	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,2'-oxybis[1-chloropropane]	<0.23		0.23	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(0-4)-103124

Lab Sample ID: 500-259381-4

Date Collected: 10/31/24 09:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.46		0.46	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,4,6-Trichlorophenol	<0.46		0.46	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,4-Dichlorophenol	<0.46		0.46	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,4-Dimethylphenol	<0.46		0.46	0.10	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,4-Dinitrophenol	<0.94		0.94	0.27	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,4-Dinitrotoluene	<0.23		0.23	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2,6-Dinitrotoluene	<0.23		0.23	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Chloronaphthalene	<0.23		0.23	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Chlorophenol	<0.23		0.23	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Methylnaphthalene	<0.094		0.094	0.0093	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Methylphenol	<0.23		0.23	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Nitroaniline	<0.23		0.23	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
2-Nitrophenol	<0.46		0.46	0.031	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
3 & 4 Methylphenol	<0.23		0.23	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
3,3'-Dichlorobenzidine	<0.23		0.23	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
3-Nitroaniline	<0.46		0.46	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4,6-Dinitro-2-methylphenol	<0.94		0.94	0.26	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Bromophenyl phenyl ether	<0.23		0.23	0.032	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Chloro-3-methylphenol	<0.46		0.46	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Chloroaniline	<0.94		0.94	0.49	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Chlorophenyl phenyl ether	<0.23		0.23	0.061	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Nitroaniline	<0.46		0.46	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
4-Nitrophenol	<0.94		0.94	0.17	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Acenaphthene	<0.046		0.046	0.0094	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Acenaphthylene	<0.046		0.046	0.0079	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Anthracene	<0.046		0.046	0.0095	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Benzo[a]anthracene	<0.046		0.046	0.0098	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Benzo[a]pyrene	<0.046		0.046	0.045	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Benzo[b]fluoranthene	<0.046		0.046	0.044	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Benzo[g,h,i]perylene	<0.046		0.046	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Benzo[k]fluoranthene	<0.046		0.046	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Bis(2-chloroethoxy)methane	<0.23		0.23	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Bis(2-chloroethyl)ether	<0.23		0.23	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Bis(2-ethylhexyl) phthalate	<0.23	*	0.23	0.18	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Butyl benzyl phthalate	<0.23		0.23	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Carbazole	<0.23		0.23	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Chrysene	<0.046		0.046	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Dibenz(a,h)anthracene	<0.046		0.046	0.046	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Dibenzofuran	<0.23		0.23	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Diethyl phthalate	<0.23		0.23	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Dimethyl phthalate	<0.23		0.23	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Di-n-butyl phthalate	<0.23	*	0.23	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Di-n-octyl phthalate	<0.46		0.46	0.32	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Fluoranthene	<0.046		0.046	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Fluorene	<0.046		0.046	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Hexachlorobenzene	<0.094		0.094	0.0089	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Hexachlorobutadiene	<0.23		0.23	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Hexachlorocyclopentadiene	<0.94		0.94	0.49	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1
Hexachloroethane	<0.23		0.23	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 13:13	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(0-4)-103124

Lab Sample ID: 500-259381-4

Date Collected: 10/31/24 09:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 98.2

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	<0.046		0.046	0.045	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Isophorone	<0.23		0.23	0.024	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Naphthalene	<0.046		0.046	0.0084	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Nitrobenzene	<0.046		0.046	0.015	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
N-Nitrosodi-n-propylamine	<0.094		0.094	0.0092	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
N-Nitrosodiphenylamine	<0.23		0.23	0.028	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Pentachlorophenol	<0.94		0.94	0.12	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Phenanthrene	<0.046		0.046	0.010	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Phenol	<0.23		0.23	0.020	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1
Pyrene	<0.046		0.046	0.013	mg/Kg	✱	11/04/24 15:03	11/05/24 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	56		31 - 143	11/04/24 15:03	11/05/24 13:13	1
2-Fluorobiphenyl (Surr)	63		43 - 145	11/04/24 15:03	11/05/24 13:13	1
2-Fluorophenol (Surr)	79		31 - 166	11/04/24 15:03	11/05/24 13:13	1
Nitrobenzene-d5 (Surr)	63		37 - 147	11/04/24 15:03	11/05/24 13:13	1
Phenol-d5 (Surr)	69		30 - 153	11/04/24 15:03	11/05/24 13:13	1
Terphenyl-d14 (Surr)	82		42 - 157	11/04/24 15:03	11/05/24 13:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2500		9.7	3.9	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Antimony	<0.97		0.97	0.19	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Arsenic	1.9		0.48	0.17	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Barium	9.0		0.48	0.055	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Beryllium	0.095	J	0.19	0.045	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Cadmium	<0.097		0.097	0.017	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Calcium	440	B	9.7	1.6	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Chromium	2.8		0.48	0.24	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Cobalt	1.5		0.24	0.063	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Copper	1.6		0.48	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Iron	3100		9.7	5.0	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Lead	8.1		0.24	0.11	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Magnesium	450		4.8	2.4	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Manganese	29		0.48	0.070	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Nickel	2.4		0.48	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Potassium	190		24	8.5	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Selenium	<0.48		0.48	0.28	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Silver	<0.24		0.24	0.062	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Sodium	130		48	7.1	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Thallium	<0.48		0.48	0.24	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Vanadium	4.4		0.24	0.057	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	1
Zinc	13		0.97	0.42	mg/Kg	✱	11/07/24 09:57	11/08/24 13:05	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		11/08/24 08:48	11/08/24 22:29	1
Barium	0.19	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:29	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(0-4)-103124

Lab Sample ID: 500-259381-4

Date Collected: 10/31/24 09:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 98.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.027		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Copper	0.031		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Iron	23		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:29	1
Lead	0.069		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:29	1
Manganese	0.49		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Nickel	0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:29	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:29	1
Zinc	0.19	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:29	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		11/08/24 08:51	11/08/24 19:17	1
Barium	0.062	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:17	1
Chromium	0.012	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Copper	0.011	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Iron	9.1		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:17	1
Lead	0.030		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:17	1
Manganese	0.17		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Nickel	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:17	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:17	1
Zinc	0.064	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:17	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		11/08/24 10:40	11/12/24 16:52	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		11/08/24 10:40	11/12/24 17:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.016	0.0067	mg/Kg	☼	11/08/24 16:25	11/13/24 10:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			11/01/24 13:41	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(4-9)-103124

Lab Sample ID: 500-259381-5

Date Collected: 10/31/24 09:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	0.0080	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Bromomethane	<0.0048		0.0048	0.0023	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Carbon disulfide	<0.0048		0.0048	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Carbon tetrachloride	<0.0019		0.0019	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Chloroethane	<0.0048		0.0048	0.0016	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Chloromethane	<0.0048		0.0048	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,1-Dichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,2-Dichloroethane	<0.0048		0.0048	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00091	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
2-Hexanone	<0.0048		0.0048	0.0029	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Methylene Chloride	<0.0048		0.0048	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
methyl isobutyl ketone	<0.0048		0.0048	0.0034	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Styrene	<0.0019		0.0019	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00077	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Trichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Vinyl chloride	<0.0019		0.0019	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 15:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	11/01/24 09:18	11/04/24 15:55	1
Dibromofluoromethane (Surr)	105		75 - 126	11/01/24 09:18	11/04/24 15:55	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	11/01/24 09:18	11/04/24 15:55	1
Toluene-d8 (Surr)	99		75 - 124	11/01/24 09:18	11/04/24 15:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
1,2-Dichlorobenzene	<0.25		0.25	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
1,3-Dichlorobenzene	<0.25		0.25	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
1,4-Dichlorobenzene	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,2'-oxybis[1-chloropropane]	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(4-9)-103124

Lab Sample ID: 500-259381-5

Date Collected: 10/31/24 09:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.49		0.49	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,4,6-Trichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,4-Dichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,4-Dimethylphenol	<0.49		0.49	0.11	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,4-Dinitrophenol	<0.99		0.99	0.28	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,4-Dinitrotoluene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2,6-Dinitrotoluene	<0.25		0.25	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Chloronaphthalene	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Chlorophenol	<0.25		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Methylnaphthalene	<0.099		0.099	0.0098	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Methylphenol	<0.25		0.25	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Nitroaniline	<0.25		0.25	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
2-Nitrophenol	<0.49		0.49	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
3 & 4 Methylphenol	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
3,3'-Dichlorobenzidine	<0.25		0.25	0.040	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
3-Nitroaniline	<0.49		0.49	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4,6-Dinitro-2-methylphenol	<0.99		0.99	0.28	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Bromophenyl phenyl ether	<0.25		0.25	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Chloro-3-methylphenol	<0.49		0.49	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Chloroaniline	<0.99		0.99	0.51	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Chlorophenyl phenyl ether	<0.25		0.25	0.064	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Nitroaniline	<0.49		0.49	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
4-Nitrophenol	<0.99		0.99	0.18	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Acenaphthene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Acenaphthylene	<0.049		0.049	0.0083	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Anthracene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Benzo[a]anthracene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Benzo[a]pyrene	<0.049		0.049	0.047	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Benzo[b]fluoranthene	<0.049		0.049	0.047	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Benzo[g,h,i]perylene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Benzo[k]fluoranthene	<0.049		0.049	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Bis(2-chloroethoxy)methane	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Bis(2-chloroethyl)ether	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Bis(2-ethylhexyl) phthalate	<0.25	*	0.25	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Butyl benzyl phthalate	<0.25		0.25	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Carbazole	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Chrysene	<0.049		0.049	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Dibenz(a,h)anthracene	<0.049		0.049	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Dibenzofuran	<0.25		0.25	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Diethyl phthalate	<0.25		0.25	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Dimethyl phthalate	<0.25		0.25	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Di-n-butyl phthalate	<0.25	*	0.25	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Di-n-octyl phthalate	<0.49		0.49	0.34	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Fluoranthene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Fluorene	<0.049		0.049	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Hexachlorobenzene	<0.099		0.099	0.0094	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Hexachlorobutadiene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Hexachlorocyclopentadiene	<0.99		0.99	0.52	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1
Hexachloroethane	<0.25		0.25	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 13:39	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(4-9)-103124

Lab Sample ID: 500-259381-5

Date Collected: 10/31/24 09:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	<0.049		0.049	0.048	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Isophorone	<0.25		0.25	0.025	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Naphthalene	<0.049		0.049	0.0088	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Nitrobenzene	<0.049		0.049	0.015	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
N-Nitrosodi-n-propylamine	<0.099		0.099	0.0097	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
N-Nitrosodiphenylamine	<0.25		0.25	0.029	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Pentachlorophenol	<0.99		0.99	0.12	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Phenanthrene	<0.049		0.049	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Phenol	<0.25		0.25	0.021	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1
Pyrene	<0.049		0.049	0.013	mg/Kg	✧	11/04/24 15:03	11/05/24 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143	11/04/24 15:03	11/05/24 13:39	1
2-Fluorobiphenyl (Surr)	72		43 - 145	11/04/24 15:03	11/05/24 13:39	1
2-Fluorophenol (Surr)	90		31 - 166	11/04/24 15:03	11/05/24 13:39	1
Nitrobenzene-d5 (Surr)	72		37 - 147	11/04/24 15:03	11/05/24 13:39	1
Phenol-d5 (Surr)	79		30 - 153	11/04/24 15:03	11/05/24 13:39	1
Terphenyl-d14 (Surr)	95		42 - 157	11/04/24 15:03	11/05/24 13:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		10	4.1	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Antimony	<1.0		1.0	0.20	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Arsenic	3.4		0.51	0.17	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Barium	7.6		0.51	0.058	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Beryllium	0.13	J	0.20	0.047	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Cadmium	<0.10		0.10	0.018	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Calcium	410	B	10	1.7	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Chromium	12		0.51	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Cobalt	4.0		0.25	0.066	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Copper	2.6		0.51	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Iron	4900		10	5.3	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Lead	3.1		0.25	0.12	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Magnesium	500		5.1	2.5	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Manganese	54		0.51	0.074	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Nickel	4.7		0.51	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Potassium	260		25	9.0	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Selenium	<0.51		0.51	0.30	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Silver	<0.25		0.25	0.065	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Sodium	130		51	7.5	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Thallium	0.26	J	0.51	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Vanadium	5.0		0.25	0.060	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	1
Zinc	12		1.0	0.45	mg/Kg	✧	11/07/24 09:57	11/08/24 13:10	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		11/08/24 08:48	11/08/24 22:34	1
Barium	0.074	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:34	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:34	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:34	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-5(4-9)-103124

Lab Sample ID: 500-259381-5

Date Collected: 10/31/24 09:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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		11/08/24 08:48	11/08/24 22:34	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:34	1
Copper	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:34	1
Iron	4.3		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:34	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:34	1
Manganese	0.17		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:34	1
Nickel	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:34	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:34	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:34	1
Zinc	<0.50		0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.018	J	0.050	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Barium	0.069	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:21	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:21	1
Chromium	0.019	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Cobalt	0.039		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Copper	0.020	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Iron	25		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:21	1
Lead	0.021		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:21	1
Manganese	0.66		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Nickel	0.014	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:21	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:21	1
Zinc	0.045	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:21	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		11/08/24 10:40	11/12/24 16:54	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		11/08/24 10:40	11/12/24 18:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.032		0.016	0.0065	mg/Kg	☼	11/08/24 16:25	11/13/24 10:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			11/01/24 13:43	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(0-4)-103124

Lab Sample ID: 500-259381-6

Date Collected: 10/31/24 10:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 94.2

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	0.0074	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Benzene	<0.0018		0.0018	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Bromodichloromethane	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Carbon disulfide	<0.0044		0.0044	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Chlorobenzene	<0.0018		0.0018	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Chloroethane	<0.0044		0.0044	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Chloromethane	<0.0044		0.0044	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Dibromochloromethane	<0.0018		0.0018	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,1-Dichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,1-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Ethylbenzene	<0.0018		0.0018	0.00093	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
methyl isobutyl ketone	<0.0044		0.0044	0.0032	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Styrene	<0.0018		0.0018	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00088	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Tetrachloroethene	<0.0018		0.0018	0.00099	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00067	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Vinyl chloride	<0.0018		0.0018	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1
Xylenes, Total	<0.0035		0.0035	0.00061	mg/Kg	☆	11/01/24 09:18	11/04/24 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	11/01/24 09:18	11/04/24 16:21	1
Dibromofluoromethane (Surr)	105		75 - 126	11/01/24 09:18	11/04/24 16:21	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	11/01/24 09:18	11/04/24 16:21	1
Toluene-d8 (Surr)	102		75 - 124	11/01/24 09:18	11/04/24 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
1,2-Dichlorobenzene	<0.25		0.25	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
1,3-Dichlorobenzene	<0.25		0.25	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
1,4-Dichlorobenzene	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,2'-oxybis[1-chloropropane]	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(0-4)-103124

Lab Sample ID: 500-259381-6

Date Collected: 10/31/24 10:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.49		0.49	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,4,6-Trichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,4-Dichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,4-Dimethylphenol	<0.49		0.49	0.11	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,4-Dinitrophenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,4-Dinitrotoluene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2,6-Dinitrotoluene	<0.25		0.25	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Chloronaphthalene	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Chlorophenol	<0.25		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Methylnaphthalene	<0.10		0.10	0.0099	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Methylphenol	<0.25		0.25	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Nitroaniline	<0.25		0.25	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
2-Nitrophenol	<0.49		0.49	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
3 & 4 Methylphenol	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
3,3'-Dichlorobenzidine	<0.25		0.25	0.040	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
3-Nitroaniline	<0.49		0.49	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.28	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Bromophenyl phenyl ether	<0.25		0.25	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Chloro-3-methylphenol	<0.49		0.49	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Chloroaniline	<1.0		1.0	0.52	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Chlorophenyl phenyl ether	<0.25		0.25	0.065	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Nitroaniline	<0.49		0.49	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
4-Nitrophenol	<1.0		1.0	0.18	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Acenaphthene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Acenaphthylene	<0.049		0.049	0.0084	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Anthracene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Benzo[a]anthracene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Benzo[a]pyrene	<0.049		0.049	0.048	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Benzo[b]fluoranthene	<0.049		0.049	0.047	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Benzo[g,h,i]perylene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Benzo[k]fluoranthene	<0.049		0.049	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Bis(2-chloroethoxy)methane	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Bis(2-chloroethyl)ether	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Bis(2-ethylhexyl) phthalate	<0.25 *		0.25	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Butyl benzyl phthalate	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Carbazole	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Chrysene	<0.049		0.049	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Dibenz(a,h)anthracene	<0.049		0.049	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Dibenzofuran	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Diethyl phthalate	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Dimethyl phthalate	<0.25		0.25	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Di-n-butyl phthalate	<0.25 *		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Di-n-octyl phthalate	<0.49		0.49	0.34	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Fluoranthene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Fluorene	<0.049		0.049	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Hexachlorobenzene	<0.10		0.10	0.0095	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Hexachlorobutadiene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Hexachlorocyclopentadiene	<1.0		1.0	0.52	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Hexachloroethane	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(0-4)-103124

Lab Sample ID: 500-259381-6

Date Collected: 10/31/24 10:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 94.2

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	<0.049		0.049	0.048	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Isophorone	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Naphthalene	<0.049		0.049	0.0089	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Nitrobenzene	<0.049		0.049	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.0097	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
N-Nitrosodiphenylamine	<0.25		0.25	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Pentachlorophenol	<1.0		1.0	0.12	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Phenanthrene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Phenol	<0.25		0.25	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1
Pyrene	<0.049		0.049	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 14:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		31 - 143	11/04/24 15:03	11/05/24 14:29	1
2-Fluorobiphenyl (Surr)	69		43 - 145	11/04/24 15:03	11/05/24 14:29	1
2-Fluorophenol (Surr)	86		31 - 166	11/04/24 15:03	11/05/24 14:29	1
Nitrobenzene-d5 (Surr)	69		37 - 147	11/04/24 15:03	11/05/24 14:29	1
Phenol-d5 (Surr)	74		30 - 153	11/04/24 15:03	11/05/24 14:29	1
Terphenyl-d14 (Surr)	90		42 - 157	11/04/24 15:03	11/05/24 14:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1900		9.8	4.0	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Antimony	<0.98		0.98	0.19	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Arsenic	1.6		0.49	0.17	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Barium	7.4		0.49	0.056	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Beryllium	0.074	J	0.20	0.046	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Cadmium	<0.098		0.098	0.018	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Calcium	390	B	9.8	1.7	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Chromium	3.0		0.49	0.24	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Cobalt	1.2		0.24	0.064	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Copper	1.4		0.49	0.14	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Iron	2600		9.8	5.1	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Lead	2.0		0.24	0.11	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Magnesium	440		4.9	2.4	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Manganese	14		0.49	0.071	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Nickel	2.3		0.49	0.14	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Potassium	180		24	8.7	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Selenium	<0.49		0.49	0.29	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Silver	<0.24		0.24	0.063	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Sodium	26	J	49	7.2	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Thallium	<0.49		0.49	0.24	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Vanadium	3.8		0.24	0.058	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	1
Zinc	8.9		0.98	0.43	mg/Kg	☆	11/07/24 09:57	11/08/24 13:23	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		11/08/24 08:48	11/08/24 22:47	1
Barium	0.10	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:47	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:47	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:47	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(0-4)-103124

Lab Sample ID: 500-259381-6

Date Collected: 10/31/24 10:25

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 94.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.015	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Copper	0.011	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Iron	5.5		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:47	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:47	1
Manganese	0.037		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Nickel	0.010	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:47	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:47	1
Zinc	0.039	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 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		11/08/24 08:51	11/08/24 19:26	1
Barium	0.061	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:26	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:26	1
Chromium	0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Copper	0.010	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Iron	9.6		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:26	1
Manganese	0.055		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Nickel	0.014	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:26	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:26	1
Zinc	0.054	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:26	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		11/08/24 10:40	11/12/24 16:56	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		11/08/24 10:40	11/12/24 18:02	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.029		0.017	0.0071	mg/Kg	☼	11/08/24 16:25	11/13/24 10:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.9		0.2	0.2	SU			11/01/24 13:45	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(4-9)-103124

Lab Sample ID: 500-259381-7

Date Collected: 10/31/24 10:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 91.1

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	☆	11/01/24 09:18	11/04/24 16:46	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Carbon tetrachloride	<0.0018		0.0018	0.00061	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Chloromethane	<0.0045		0.0045	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Dibromochloromethane	<0.0018		0.0018	0.00083	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,1-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
2-Hexanone	<0.0045		0.0045	0.0027	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
methyl isobutyl ketone	<0.0045		0.0045	0.0032	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Styrene	<0.0018		0.0018	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00089	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Vinyl chloride	<0.0018		0.0018	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☆	11/01/24 09:18	11/04/24 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		75 - 131	11/01/24 09:18	11/04/24 16:46	1
Dibromofluoromethane (Surr)	111		75 - 126	11/01/24 09:18	11/04/24 16:46	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	11/01/24 09:18	11/04/24 16:46	1
Toluene-d8 (Surr)	100		75 - 124	11/01/24 09:18	11/04/24 16:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.27		0.27	0.039	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
1,2-Dichlorobenzene	<0.27		0.27	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
1,3-Dichlorobenzene	<0.27		0.27	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
1,4-Dichlorobenzene	<0.27		0.27	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,2'-oxybis[1-chloropropane]	<0.27		0.27	0.039	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(4-9)-103124

Lab Sample ID: 500-259381-7

Date Collected: 10/31/24 10:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.54		0.54	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,4,6-Trichlorophenol	<0.54		0.54	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,4-Dichlorophenol	<0.54		0.54	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,4-Dimethylphenol	<0.54		0.54	0.12	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,4-Dinitrophenol	<1.1		1.1	0.31	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,4-Dinitrotoluene	<0.27		0.27	0.031	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2,6-Dinitrotoluene	<0.27		0.27	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Chloronaphthalene	<0.27		0.27	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Chlorophenol	<0.27		0.27	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Methylnaphthalene	<0.11		0.11	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Methylphenol	<0.27		0.27	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Nitroaniline	<0.27		0.27	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
2-Nitrophenol	<0.54		0.54	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
3 & 4 Methylphenol	<0.27		0.27	0.040	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
3,3'-Dichlorobenzidine	<0.27		0.27	0.044	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
3-Nitroaniline	<0.54		0.54	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4,6-Dinitro-2-methylphenol	<1.1		1.1	0.30	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Bromophenyl phenyl ether	<0.27		0.27	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Chloro-3-methylphenol	<0.54		0.54	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Chloroaniline	<1.1		1.1	0.57	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Chlorophenyl phenyl ether	<0.27		0.27	0.071	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Nitroaniline	<0.54		0.54	0.040	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
4-Nitrophenol	<1.1		1.1	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Acenaphthene	<0.054		0.054	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Acenaphthylene	<0.054		0.054	0.0092	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Anthracene	<0.054		0.054	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Benzo[a]anthracene	<0.054		0.054	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Benzo[a]pyrene	<0.054		0.054	0.052	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Benzo[b]fluoranthene	<0.054		0.054	0.051	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Benzo[g,h,i]perylene	<0.054		0.054	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Benzo[k]fluoranthene	<0.054		0.054	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Bis(2-chloroethoxy)methane	<0.27		0.27	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Bis(2-chloroethyl)ether	<0.27		0.27	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Bis(2-ethylhexyl) phthalate	<0.27	*	0.27	0.21	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Butyl benzyl phthalate	<0.27		0.27	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Carbazole	<0.27		0.27	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Chrysene	<0.054		0.054	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Dibenz(a,h)anthracene	<0.054		0.054	0.054	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Dibenzofuran	<0.27		0.27	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Diethyl phthalate	<0.27		0.27	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Dimethyl phthalate	<0.27		0.27	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Di-n-butyl phthalate	<0.27	*	0.27	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Di-n-octyl phthalate	<0.54		0.54	0.38	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Fluoranthene	0.020	J	0.054	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Fluorene	<0.054		0.054	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Hexachlorobenzene	<0.11		0.11	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Hexachlorobutadiene	<0.27		0.27	0.030	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Hexachlorocyclopentadiene	<1.1		1.1	0.57	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1
Hexachloroethane	<0.27		0.27	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 14:55	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(4-9)-103124

Lab Sample ID: 500-259381-7

Date Collected: 10/31/24 10:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 91.1

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	<0.054		0.054	0.053	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Isophorone	<0.27		0.27	0.028	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Naphthalene	<0.054		0.054	0.0098	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Nitrobenzene	<0.054		0.054	0.017	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
N-Nitrosodi-n-propylamine	<0.11		0.11	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
N-Nitrosodiphenylamine	<0.27		0.27	0.032	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Pentachlorophenol	<1.1		1.1	0.14	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Phenanthrene	<0.054		0.054	0.012	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Phenol	<0.27		0.27	0.023	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1
Pyrene	<0.054		0.054	0.015	mg/Kg	✧	11/04/24 15:03	11/05/24 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143	11/04/24 15:03	11/05/24 14:55	1
2-Fluorobiphenyl (Surr)	70		43 - 145	11/04/24 15:03	11/05/24 14:55	1
2-Fluorophenol (Surr)	78		31 - 166	11/04/24 15:03	11/05/24 14:55	1
Nitrobenzene-d5 (Surr)	64		37 - 147	11/04/24 15:03	11/05/24 14:55	1
Phenol-d5 (Surr)	70		30 - 153	11/04/24 15:03	11/05/24 14:55	1
Terphenyl-d14 (Surr)	90		42 - 157	11/04/24 15:03	11/05/24 14:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2200		11	4.3	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Antimony	<1.1		1.1	0.21	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Arsenic	3.1		0.53	0.18	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Barium	8.0		0.53	0.060	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Beryllium	0.12 J		0.21	0.049	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Cadmium	<0.11		0.11	0.019	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Calcium	580 B ^2		11	1.8	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Chromium	4.8		0.53	0.26	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Cobalt	2.0		0.26	0.069	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Copper	3.1		0.53	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Iron	3300		11	5.5	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Lead	4.0		0.26	0.12	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Magnesium	790		5.3	2.6	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Manganese	26		0.53	0.077	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Nickel	4.6		0.53	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Potassium	500		26	9.3	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Selenium	<0.53		0.53	0.31	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Silver	<0.26		0.26	0.068	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Sodium	56		53	7.8	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Thallium	<0.53		0.53	0.26	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Vanadium	8.0		0.26	0.062	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1
Zinc	10		1.1	0.46	mg/Kg	✧	11/07/24 09:57	11/08/24 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.022 J		0.050	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Barium	0.12 J		0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:52	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-1(4-9)-103124

Lab Sample ID: 500-259381-7

Date Collected: 10/31/24 10:30

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 91.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.041		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Copper	0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Iron	22		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:52	1
Lead	0.039		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:52	1
Manganese	0.17		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Nickel	0.027		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:52	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:52	1
Zinc	0.064	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:52	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		11/08/24 08:51	11/08/24 19:30	1
Barium	<0.50		0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:30	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:30	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:30	1
Chromium	0.018	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Copper	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Iron	10		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:30	1
Lead	0.016		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:30	1
Manganese	0.066		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Nickel	0.011	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:30	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:30	1
Zinc	0.028	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:30	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		11/08/24 10:40	11/12/24 16:58	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		11/08/24 10:40	11/12/24 18:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.018	0.0074	mg/Kg	☼	11/08/24 16:25	11/13/24 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.7		0.2	0.2	SU			11/01/24 13:48	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-2(0-2)-103124

Lab Sample ID: 500-259381-8

Date Collected: 10/31/24 10:35

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 96.0

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	0.0073	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Benzene	<0.0017		0.0017	0.00055	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Bromodichloromethane	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Carbon disulfide	<0.0044		0.0044	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Carbon tetrachloride	<0.0017		0.0017	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Chlorobenzene	<0.0017		0.0017	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Chloroform	<0.0017		0.0017	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Chloromethane	<0.0044		0.0044	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Dibromochloromethane	<0.0017		0.0017	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,1-Dichloroethane	<0.0017		0.0017	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,1-Dichloroethene	<0.0017		0.0017	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Ethylbenzene	<0.0017		0.0017	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
methyl isobutyl ketone	<0.0044		0.0044	0.0031	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Styrene	<0.0017		0.0017	0.00079	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Tetrachloroethene	<0.0017		0.0017	0.00098	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Trichloroethene	<0.0017		0.0017	0.00048	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Vinyl chloride	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 17:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	11/01/24 09:18	11/04/24 17:11	1
Dibromofluoromethane (Surr)	106		75 - 126	11/01/24 09:18	11/04/24 17:11	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	11/01/24 09:18	11/04/24 17:11	1
Toluene-d8 (Surr)	100		75 - 124	11/01/24 09:18	11/04/24 17:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
1,2-Dichlorobenzene	<0.25		0.25	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
1,3-Dichlorobenzene	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
1,4-Dichlorobenzene	<0.25		0.25	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,2'-oxybis[1-chloropropane]	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-2(0-2)-103124

Lab Sample ID: 500-259381-8

Date Collected: 10/31/24 10:35

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 96.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.50		0.50	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,4,6-Trichlorophenol	<0.50		0.50	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,4-Dichlorophenol	<0.50		0.50	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,4-Dimethylphenol	<0.50		0.50	0.11	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,4-Dinitrophenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,4-Dinitrotoluene	<0.25		0.25	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2,6-Dinitrotoluene	<0.25		0.25	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Chloronaphthalene	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Chlorophenol	<0.25		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Methylnaphthalene	<0.10		0.10	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Methylphenol	<0.25		0.25	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Nitroaniline	<0.25		0.25	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
2-Nitrophenol	<0.50		0.50	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
3 & 4 Methylphenol	<0.25		0.25	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
3,3'-Dichlorobenzidine	<0.25		0.25	0.041	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
3-Nitroaniline	<0.50		0.50	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.28	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Bromophenyl phenyl ether	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Chloro-3-methylphenol	<0.50		0.50	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Chloroaniline	<1.0		1.0	0.53	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Chlorophenyl phenyl ether	<0.25		0.25	0.066	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Nitroaniline	<0.50		0.50	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
4-Nitrophenol	<1.0		1.0	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Acenaphthene	<0.050		0.050	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Acenaphthylene	<0.050		0.050	0.0086	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Anthracene	<0.050		0.050	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Benzo[a]anthracene	<0.050		0.050	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Benzo[a]pyrene	<0.050		0.050	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Benzo[b]fluoranthene	<0.050		0.050	0.048	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Benzo[g,h,i]perylene	<0.050		0.050	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Benzo[k]fluoranthene	<0.050		0.050	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Bis(2-chloroethoxy)methane	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Bis(2-chloroethyl)ether	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Bis(2-ethylhexyl) phthalate	<0.25	*	0.25	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Butyl benzyl phthalate	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Carbazole	<0.25		0.25	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Chrysene	<0.050		0.050	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Dibenz(a,h)anthracene	<0.050		0.050	0.050	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Dibenzofuran	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Diethyl phthalate	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Dimethyl phthalate	<0.25		0.25	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Di-n-butyl phthalate	<0.25	*	0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Di-n-octyl phthalate	<0.50		0.50	0.35	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Fluoranthene	<0.050		0.050	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Fluorene	<0.050		0.050	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Hexachlorobenzene	<0.10		0.10	0.0097	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Hexachlorobutadiene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Hexachlorocyclopentadiene	<1.0		1.0	0.54	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1
Hexachloroethane	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 15:20	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-2(0-2)-103124

Lab Sample ID: 500-259381-8

Date Collected: 10/31/24 10:35

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 96.0

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	<0.050		0.050	0.049	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Isophorone	<0.25		0.25	0.026	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Naphthalene	<0.050		0.050	0.0091	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Nitrobenzene	<0.050		0.050	0.016	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.010	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
N-Nitrosodiphenylamine	<0.25		0.25	0.030	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Pentachlorophenol	<1.0		1.0	0.13	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Phenanthrene	<0.050		0.050	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Phenol	<0.25		0.25	0.022	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1
Pyrene	<0.050		0.050	0.014	mg/Kg	✱	11/04/24 15:03	11/05/24 15:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		31 - 143	11/04/24 15:03	11/05/24 15:20	1
2-Fluorobiphenyl (Surr)	79		43 - 145	11/04/24 15:03	11/05/24 15:20	1
2-Fluorophenol (Surr)	99		31 - 166	11/04/24 15:03	11/05/24 15:20	1
Nitrobenzene-d5 (Surr)	79		37 - 147	11/04/24 15:03	11/05/24 15:20	1
Phenol-d5 (Surr)	84		30 - 153	11/04/24 15:03	11/05/24 15:20	1
Terphenyl-d14 (Surr)	94		42 - 157	11/04/24 15:03	11/05/24 15:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		9.9	4.0	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Antimony	<0.99		0.99	0.19	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Arsenic	1.6		0.49	0.17	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Barium	12		0.49	0.056	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Beryllium	0.089	J	0.20	0.046	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Cadmium	<0.099		0.099	0.018	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Calcium	530	B ^2	9.9	1.7	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Chromium	2.9		0.49	0.24	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Cobalt	1.3		0.25	0.065	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Copper	1.9		0.49	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Iron	3000		9.9	5.1	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Lead	3.3		0.25	0.11	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Magnesium	460		4.9	2.4	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Manganese	15		0.49	0.072	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Nickel	2.2		0.49	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Potassium	200		25	8.7	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Selenium	<0.49		0.49	0.29	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Silver	<0.25		0.25	0.064	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Sodium	76		49	7.3	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Thallium	<0.49		0.49	0.25	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Vanadium	4.3		0.25	0.058	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	1
Zinc	14		0.99	0.43	mg/Kg	✱	11/07/24 09:57	11/08/24 14:24	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		11/08/24 08:48	11/08/24 22:56	1
Barium	0.22	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:56	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:56	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-2(0-2)-103124

Lab Sample ID: 500-259381-8

Date Collected: 10/31/24 10:35

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 96.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.034		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Copper	0.028		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Iron	23		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:56	1
Lead	0.034		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:56	1
Manganese	0.18		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Nickel	0.026		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:56	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:56	1
Zinc	0.20	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:56	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		11/08/24 08:51	11/08/24 19:35	1
Barium	0.14	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:35	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:35	1
Chromium	0.034		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Cobalt	0.013	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Copper	0.022	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Iron	20		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:35	1
Lead	0.028		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:35	1
Manganese	0.10		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Nickel	0.024	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:35	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:35	1
Zinc	0.14	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:35	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		11/08/24 10:40	11/12/24 17:01	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		11/08/24 10:40	11/12/24 18:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.016	0.0066	mg/Kg	☼	11/08/24 16:25	11/13/24 10:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			11/01/24 13:50	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124

Lab Sample ID: 500-259381-9

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.2

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	0.0083	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Bromomethane	<0.0050		0.0050	0.0024	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Chloromethane	<0.0050		0.0050	0.00096	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Dibromochloromethane	<0.0020		0.0020	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00095	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Ethylbenzene	<0.0020		0.0020	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
methyl isobutyl ketone	<0.0050		0.0050	0.0035	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Styrene	<0.0020		0.0020	0.00089	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00095	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Vinyl chloride	<0.0020		0.0020	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1
Xylenes, Total	<0.0040		0.0040	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 17:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	11/01/24 09:18	11/04/24 17:37	1
Dibromofluoromethane (Surr)	107		75 - 126	11/01/24 09:18	11/04/24 17:37	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	11/01/24 09:18	11/04/24 17:37	1
Toluene-d8 (Surr)	101		75 - 124	11/01/24 09:18	11/04/24 17:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
1,2-Dichlorobenzene	<0.26		0.26	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
1,3-Dichlorobenzene	<0.26		0.26	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
1,4-Dichlorobenzene	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,2'-oxybis[1-chloropropane]	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124

Lab Sample ID: 500-259381-9

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.51		0.51	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,4,6-Trichlorophenol	<0.51		0.51	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,4-Dichlorophenol	<0.51		0.51	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,4-Dimethylphenol	<0.51		0.51	0.11	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,4-Dinitrophenol	<1.0		1.0	0.30	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,4-Dinitrotoluene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2,6-Dinitrotoluene	<0.26		0.26	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Chloronaphthalene	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Chlorophenol	<0.26		0.26	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Methylnaphthalene	0.019	J	0.10	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Methylphenol	<0.26		0.26	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Nitroaniline	<0.26		0.26	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
2-Nitrophenol	<0.51		0.51	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
3 & 4 Methylphenol	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
3,3'-Dichlorobenzidine	<0.26		0.26	0.042	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
3-Nitroaniline	<0.51		0.51	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Bromophenyl phenyl ether	<0.26		0.26	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Chloro-3-methylphenol	<0.51		0.51	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Chloroaniline	<1.0		1.0	0.54	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Chlorophenyl phenyl ether	<0.26		0.26	0.067	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Nitroaniline	<0.51		0.51	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
4-Nitrophenol	<1.0		1.0	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Acenaphthene	0.11		0.051	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Acenaphthylene	<0.051		0.051	0.0087	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Anthracene	0.46		0.051	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Benzo[a]anthracene	1.1		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Benzo[a]pyrene	1.0		0.051	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Benzo[b]fluoranthene	1.1		0.051	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Benzo[g,h,i]perylene	0.50		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Benzo[k]fluoranthene	0.56		0.051	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Bis(2-chloroethoxy)methane	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Bis(2-chloroethyl)ether	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Bis(2-ethylhexyl) phthalate	<0.26	*	0.26	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Butyl benzyl phthalate	<0.26		0.26	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Carbazole	0.064	J	0.26	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Chrysene	0.91		0.051	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Dibenz(a,h)anthracene	0.20		0.051	0.051	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Dibenzofuran	0.064	J	0.26	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Diethyl phthalate	<0.26		0.26	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Dimethyl phthalate	<0.26		0.26	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Di-n-butyl phthalate	<0.26	*	0.26	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Di-n-octyl phthalate	<0.51		0.51	0.36	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Fluoranthene	2.2		0.051	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Fluorene	0.15		0.051	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Hexachlorobenzene	<0.10		0.10	0.0098	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Hexachlorobutadiene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Hexachlorocyclopentadiene	<1.0		1.0	0.54	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1
Hexachloroethane	<0.26		0.26	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124

Lab Sample ID: 500-259381-9

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.2

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	0.67		0.051	0.050	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Isophorone	<0.26		0.26	0.026	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Naphthalene	0.015	J	0.051	0.0092	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Nitrobenzene	<0.051		0.051	0.016	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.010	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
N-Nitrosodiphenylamine	<0.26		0.26	0.030	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Pentachlorophenol	<1.0		1.0	0.13	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Phenanthrene	1.6		0.051	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Phenol	<0.26		0.26	0.022	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1
Pyrene	2.1		0.051	0.014	mg/Kg	✧	11/04/24 15:03	11/05/24 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		31 - 143	11/04/24 15:03	11/05/24 15:46	1
2-Fluorobiphenyl (Surr)	66		43 - 145	11/04/24 15:03	11/05/24 15:46	1
2-Fluorophenol (Surr)	71		31 - 166	11/04/24 15:03	11/05/24 15:46	1
Nitrobenzene-d5 (Surr)	58		37 - 147	11/04/24 15:03	11/05/24 15:46	1
Phenol-d5 (Surr)	65		30 - 153	11/04/24 15:03	11/05/24 15:46	1
Terphenyl-d14 (Surr)	87		42 - 157	11/04/24 15:03	11/05/24 15:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3100		9.7	4.0	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Antimony	<0.97		0.97	0.19	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Arsenic	2.7		0.49	0.17	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Barium	17		0.49	0.055	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Beryllium	0.15	J	0.19	0.045	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Cadmium	0.079	J	0.097	0.017	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Calcium	4300	B ^2	9.7	1.6	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Chromium	4.7		0.49	0.24	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Cobalt	1.8		0.24	0.064	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Copper	4.4		0.49	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Iron	5700		9.7	5.0	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Lead	32		0.24	0.11	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Magnesium	2000		4.9	2.4	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Manganese	69		0.49	0.070	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Nickel	3.7		0.49	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Potassium	270		24	8.6	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Selenium	<0.49		0.49	0.29	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Silver	<0.24		0.24	0.063	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Sodium	170		49	7.2	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Thallium	0.30	J	0.49	0.24	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Vanadium	6.0		0.24	0.057	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	1
Zinc	32		0.97	0.43	mg/Kg	✧	11/07/24 09:57	11/08/24 14:28	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		11/08/24 08:48	11/08/24 23:01	1
Barium	0.44	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 23:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 23:01	1
Cadmium	0.0033	J	0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 23:01	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124

Lab Sample ID: 500-259381-9

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.030		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Copper	0.037		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Iron	19		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 23:01	1
Lead	0.28		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 23:01	1
Manganese	3.2		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Nickel	0.031		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 23:01	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:01	1
Zinc	0.39	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 23:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014	J	0.050	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Barium	0.24	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:39	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:39	1
Chromium	0.048		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Cobalt	0.015	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Copper	0.044		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Iron	38		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:39	1
Lead	0.31		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:39	1
Manganese	0.47		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Nickel	0.035		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:39	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:39	1
Zinc	0.34	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:39	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		11/08/24 10:40	11/12/24 17:03	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		11/08/24 10:40	11/12/24 18:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.015	0.0063	mg/Kg	☼	11/08/24 16:25	11/13/24 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.5		0.2	0.2	SU			11/01/24 13:53	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124D

Lab Sample ID: 500-259381-10

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.6

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	☆	11/01/24 09:18	11/04/24 18:02	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Chloromethane	<0.0045		0.0045	0.00088	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Dibromochloromethane	<0.0018		0.0018	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,1-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
2-Hexanone	<0.0045		0.0045	0.0028	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
methyl isobutyl ketone	<0.0045		0.0045	0.0032	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Styrene	<0.0018		0.0018	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00090	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Vinyl chloride	<0.0018		0.0018	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☆	11/01/24 09:18	11/04/24 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	11/01/24 09:18	11/04/24 18:02	1
Dibromofluoromethane (Surr)	110		75 - 126	11/01/24 09:18	11/04/24 18:02	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	11/01/24 09:18	11/04/24 18:02	1
Toluene-d8 (Surr)	104		75 - 124	11/01/24 09:18	11/04/24 18:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.24		0.24	0.033	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
1,2-Dichlorobenzene	<0.24		0.24	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
1,3-Dichlorobenzene	<0.24		0.24	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
1,4-Dichlorobenzene	<0.24		0.24	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,2'-oxybis[1-chloropropane]	<0.24		0.24	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124D

Lab Sample ID: 500-259381-10

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.47		0.47	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,4,6-Trichlorophenol	<0.47		0.47	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,4-Dichlorophenol	<0.47		0.47	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,4-Dimethylphenol	<0.47		0.47	0.10	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,4-Dinitrophenol	<0.95		0.95	0.27	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,4-Dinitrotoluene	<0.24		0.24	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2,6-Dinitrotoluene	<0.24		0.24	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Chloronaphthalene	<0.24		0.24	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Chlorophenol	<0.24		0.24	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Methylnaphthalene	<0.095		0.095	0.0094	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Methylphenol	<0.24		0.24	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Nitroaniline	<0.24		0.24	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
2-Nitrophenol	<0.47		0.47	0.032	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
3 & 4 Methylphenol	<0.24		0.24	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
3,3'-Dichlorobenzidine	<0.24		0.24	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
3-Nitroaniline	<0.47		0.47	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4,6-Dinitro-2-methylphenol	<0.95		0.95	0.26	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Bromophenyl phenyl ether	<0.24		0.24	0.032	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Chloro-3-methylphenol	<0.47		0.47	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Chloroaniline	<0.95		0.95	0.49	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Chlorophenyl phenyl ether	<0.24		0.24	0.061	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Nitroaniline	<0.47		0.47	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
4-Nitrophenol	<0.95		0.95	0.17	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Acenaphthene	<0.047		0.047	0.0095	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Acenaphthylene	<0.047		0.047	0.0079	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Anthracene	0.025	J	0.047	0.0096	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Benzo[a]anthracene	0.072		0.047	0.0099	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Benzo[a]pyrene	0.084		0.047	0.045	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Benzo[b]fluoranthene	0.095		0.047	0.045	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Benzo[g,h,i]perylene	0.038	J	0.047	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Benzo[k]fluoranthene	0.042	J	0.047	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Bis(2-chloroethoxy)methane	<0.24		0.24	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Bis(2-chloroethyl)ether	<0.24		0.24	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Bis(2-ethylhexyl) phthalate	<0.24	*-	0.24	0.18	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Butyl benzyl phthalate	<0.24		0.24	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Carbazole	<0.24		0.24	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Chrysene	0.058		0.047	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Dibenz(a,h)anthracene	<0.047		0.047	0.047	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Dibenzofuran	<0.24		0.24	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Diethyl phthalate	<0.24		0.24	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Dimethyl phthalate	<0.24		0.24	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Di-n-butyl phthalate	<0.24	*-	0.24	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Di-n-octyl phthalate	<0.47		0.47	0.33	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Fluoranthene	0.13		0.047	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Fluorene	<0.047		0.047	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Hexachlorobenzene	<0.095		0.095	0.0090	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Hexachlorobutadiene	<0.24		0.24	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Hexachlorocyclopentadiene	<0.95		0.95	0.50	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1
Hexachloroethane	<0.24		0.24	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 16:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124D

Lab Sample ID: 500-259381-10

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.6

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	0.054		0.047	0.046	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Isophorone	<0.24		0.24	0.024	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Naphthalene	<0.047		0.047	0.0085	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Nitrobenzene	<0.047		0.047	0.015	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
N-Nitrosodi-n-propylamine	<0.095		0.095	0.0092	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
N-Nitrosodiphenylamine	<0.24		0.24	0.028	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Pentachlorophenol	<0.95		0.95	0.12	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Phenanthrene	0.082		0.047	0.010	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Phenol	<0.24		0.24	0.020	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1
Pyrene	0.11		0.047	0.013	mg/Kg	✱	11/04/24 15:03	11/05/24 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	61		31 - 143	11/04/24 15:03	11/05/24 16:11	1
2-Fluorobiphenyl (Surr)	80		43 - 145	11/04/24 15:03	11/05/24 16:11	1
2-Fluorophenol (Surr)	101		31 - 166	11/04/24 15:03	11/05/24 16:11	1
Nitrobenzene-d5 (Surr)	80		37 - 147	11/04/24 15:03	11/05/24 16:11	1
Phenol-d5 (Surr)	88		30 - 153	11/04/24 15:03	11/05/24 16:11	1
Terphenyl-d14 (Surr)	94		42 - 157	11/04/24 15:03	11/05/24 16:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		10	4.1	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Antimony	<1.0		1.0	0.20	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Arsenic	2.0		0.50	0.17	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Barium	14		0.50	0.057	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Beryllium	0.13	J	0.20	0.047	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Cadmium	0.026	J	0.10	0.018	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Calcium	1400	B ^2	10	1.7	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Chromium	3.3		0.50	0.25	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Cobalt	1.4		0.25	0.066	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Copper	2.5		0.50	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Iron	3600		10	5.2	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Lead	9.8		0.25	0.12	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Magnesium	730		5.0	2.5	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Manganese	46		0.50	0.073	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Nickel	2.6		0.50	0.15	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Potassium	210		25	8.9	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Selenium	<0.50		0.50	0.30	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Silver	<0.25		0.25	0.065	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Sodium	140		50	7.4	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Thallium	<0.50		0.50	0.25	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Vanadium	4.9		0.25	0.059	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1
Zinc	18		1.0	0.44	mg/Kg	✱	11/07/24 09:57	11/08/24 14:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.050	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Barium	0.26	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 23:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 23:05	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 23:05	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-3(0-2)-103124D

Lab Sample ID: 500-259381-10

Date Collected: 10/31/24 10:40

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.033		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Copper	0.031		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Iron	28		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 23:05	1
Lead	0.080		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 23:05	1
Manganese	0.61		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Nickel	0.027		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 23:05	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:05	1
Zinc	0.23	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 23:05	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		11/08/24 08:51	11/08/24 19:43	1
Barium	0.21	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:43	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:43	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:43	1
Chromium	0.041		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Cobalt	0.015	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Copper	0.038		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Iron	34		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:43	1
Lead	0.16		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:43	1
Manganese	0.41		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Nickel	0.029		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:43	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:43	1
Zinc	0.26	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:43	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		11/08/24 10:40	11/12/24 17:09	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		11/08/24 10:40	11/12/24 18:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.019	F1	0.016	0.0067	mg/Kg	☼	11/08/24 16:25	11/13/24 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			11/01/24 13:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(0-3)-103124

Lab Sample ID: 500-259381-11

Date Collected: 10/31/24 10:50

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 93.4

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	0.0071	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Bromoform	<0.0017		0.0017	0.00098	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Carbon disulfide	<0.0042		0.0042	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Carbon tetrachloride	<0.0017		0.0017	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Chlorobenzene	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Chloromethane	<0.0042		0.0042	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Dibromochloromethane	<0.0017		0.0017	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Ethylbenzene	<0.0017		0.0017	0.00089	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
2-Hexanone	<0.0042		0.0042	0.0026	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
methyl isobutyl ketone	<0.0042		0.0042	0.0030	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Styrene	<0.0017		0.0017	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Tetrachloroethene	<0.0017		0.0017	0.00095	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00068	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Trichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Vinyl chloride	<0.0017		0.0017	0.00069	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1
Xylenes, Total	<0.0034		0.0034	0.00058	mg/Kg	☆	11/01/24 09:18	11/04/24 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		75 - 131	11/01/24 09:18	11/04/24 18:27	1
Dibromofluoromethane (Surr)	104		75 - 126	11/01/24 09:18	11/04/24 18:27	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	11/01/24 09:18	11/04/24 18:27	1
Toluene-d8 (Surr)	107		75 - 124	11/01/24 09:18	11/04/24 18:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 16:37	1
1,2-Dichlorobenzene	<0.26		0.26	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 16:37	1
1,3-Dichlorobenzene	<0.26		0.26	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 16:37	1
1,4-Dichlorobenzene	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 16:37	1
2,2'-oxybis[1-chloropropane]	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 16:37	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(0-3)-103124

Lab Sample ID: 500-259381-11

Date Collected: 10/31/24 10:50

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.51		0.51	0.019	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,4,6-Trichlorophenol	<0.51		0.51	0.018	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,4-Dichlorophenol	<0.51		0.51	0.018	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,4-Dimethylphenol	<0.51		0.51	0.12	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,4-Dinitrophenol	<1.0		1.0	0.30	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,4-Dinitrotoluene	<0.26		0.26	0.029	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2,6-Dinitrotoluene	<0.26		0.26	0.018	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Chloronaphthalene	<0.26		0.26	0.019	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Chlorophenol	<0.26		0.26	0.017	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Methylnaphthalene	<0.10		0.10	0.010	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Methylphenol	<0.26		0.26	0.027	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Nitroaniline	<0.26		0.26	0.028	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
2-Nitrophenol	<0.51		0.51	0.035	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
3 & 4 Methylphenol	<0.26		0.26	0.038	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
3,3'-Dichlorobenzidine	<0.26		0.26	0.042	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
3-Nitroaniline	<0.51		0.51	0.024	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.29	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Bromophenyl phenyl ether	<0.26		0.26	0.035	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Chloro-3-methylphenol	<0.51		0.51	0.020	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Chloroaniline	<1.0		1.0	0.54	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Chlorophenyl phenyl ether	<0.26		0.26	0.068	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Nitroaniline	<0.51		0.51	0.038	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
4-Nitrophenol	<1.0		1.0	0.19	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Acenaphthene	<0.051		0.051	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Acenaphthylene	<0.051		0.051	0.0088	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Anthracene	<0.051		0.051	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Benzo[a]anthracene	0.029 J		0.051	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Benzo[a]pyrene	<0.051		0.051	0.050	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Benzo[b]fluoranthene	<0.051		0.051	0.049	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Benzo[g,h,i]perylene	<0.051		0.051	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Benzo[k]fluoranthene	<0.051		0.051	0.020	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Bis(2-chloroethoxy)methane	<0.26		0.26	0.019	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Bis(2-chloroethyl)ether	<0.26		0.26	0.024	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Bis(2-ethylhexyl) phthalate	<0.26 *		0.26	0.20	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Butyl benzyl phthalate	<0.26		0.26	0.026	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Carbazole	<0.26		0.26	0.020	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Chrysene	0.018 J		0.051	0.014	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Dibenz(a,h)anthracene	<0.051		0.051	0.051	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Dibenzofuran	<0.26		0.26	0.018	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Diethyl phthalate	<0.26		0.26	0.024	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Dimethyl phthalate	<0.26		0.26	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Di-n-butyl phthalate	<0.26 *		0.26	0.016	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Di-n-octyl phthalate	<0.51		0.51	0.36	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Fluoranthene	0.042 J		0.051	0.012	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Fluorene	<0.051		0.051	0.015	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Hexachlorobenzene	<0.10		0.10	0.0099	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Hexachlorobutadiene	<0.26		0.26	0.029	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Hexachlorocyclopentadiene	<1.0		1.0	0.55	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1
Hexachloroethane	<0.26		0.26	0.026	mg/Kg	✱	11/04/24 15:03	11/05/24 16:37	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(0-3)-103124

Lab Sample ID: 500-259381-11

Date Collected: 10/31/24 10:50

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 93.4

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	<0.051		0.051	0.050	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Isophorone	<0.26		0.26	0.027	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Naphthalene	<0.051		0.051	0.0094	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Nitrobenzene	<0.051		0.051	0.016	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.010	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
N-Nitrosodiphenylamine	<0.26		0.26	0.031	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Pentachlorophenol	<1.0		1.0	0.13	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Phenanthrene	0.020	J	0.051	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Phenol	<0.26		0.26	0.022	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1
Pyrene	0.031	J	0.051	0.014	mg/Kg	✧	11/04/24 15:03	11/05/24 16:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	53		31 - 143	11/04/24 15:03	11/05/24 16:37	1
2-Fluorobiphenyl (Surr)	69		43 - 145	11/04/24 15:03	11/05/24 16:37	1
2-Fluorophenol (Surr)	86		31 - 166	11/04/24 15:03	11/05/24 16:37	1
Nitrobenzene-d5 (Surr)	69		37 - 147	11/04/24 15:03	11/05/24 16:37	1
Phenol-d5 (Surr)	73		30 - 153	11/04/24 15:03	11/05/24 16:37	1
Terphenyl-d14 (Surr)	82		42 - 157	11/04/24 15:03	11/05/24 16:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2500		9.9	4.0	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Antimony	<0.99		0.99	0.19	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Arsenic	2.5		0.49	0.17	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Barium	14		0.49	0.056	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Beryllium	0.17	J	0.20	0.046	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Cadmium	0.066	J	0.099	0.018	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Calcium	11000	B ^2	9.9	1.7	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Chromium	3.9		0.49	0.24	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Cobalt	2.8		0.25	0.065	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Copper	3.6		0.49	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Iron	4200		9.9	5.1	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Lead	8.8		0.25	0.11	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Magnesium	4000		4.9	2.5	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Manganese	100		0.49	0.072	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Nickel	4.8		0.49	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Potassium	400		25	8.8	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Selenium	<0.49		0.49	0.29	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Silver	<0.25		0.25	0.064	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Sodium	110		49	7.3	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Thallium	0.52		0.49	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Vanadium	5.6		0.25	0.058	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	1
Zinc	20		0.99	0.43	mg/Kg	✧	11/07/24 09:57	11/08/24 14:37	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		11/08/24 08:48	11/08/24 23:10	1
Barium	0.25	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 23:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 23:10	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 23:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(0-3)-103124

Lab Sample ID: 500-259381-11

Date Collected: 10/31/24 10:50

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.015	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Copper	0.018	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Iron	9.7		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 23:10	1
Lead	0.030		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 23:10	1
Manganese	1.5		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Nickel	0.022	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 23:10	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:10	1
Zinc	0.11	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 23:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.023	J	0.050	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Barium	0.23	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:48	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:48	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:48	1
Chromium	0.055		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Cobalt	0.032		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Copper	0.061		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Iron	45		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:48	1
Lead	0.16		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:48	1
Manganese	0.92		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Nickel	0.058		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:48	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:48	1
Zinc	0.29	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:48	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		11/08/24 10:40	11/12/24 17:11	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		11/08/24 10:40	11/12/24 18:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.046		0.016	0.0068	mg/Kg	☼	11/08/24 16:25	11/13/24 10:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			11/01/24 14:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(3-6)-103124

Lab Sample ID: 500-259381-12

Date Collected: 10/31/24 10:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 92.4

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	0.0079	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Carbon disulfide	<0.0047		0.0047	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Chlorobenzene	<0.0019		0.0019	0.00079	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Chloromethane	<0.0047		0.0047	0.00091	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Dibromochloromethane	<0.0019		0.0019	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,1-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00090	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
2-Hexanone	<0.0047		0.0047	0.0028	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
methyl isobutyl ketone	<0.0047		0.0047	0.0033	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00093	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00090	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Vinyl chloride	<0.0019		0.0019	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	11/01/24 09:18	11/04/24 18:52	1
Dibromofluoromethane (Surr)	106		75 - 126	11/01/24 09:18	11/04/24 18:52	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	11/01/24 09:18	11/04/24 18:52	1
Toluene-d8 (Surr)	106		75 - 124	11/01/24 09:18	11/04/24 18:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.27		0.27	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
1,2-Dichlorobenzene	<0.27		0.27	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
1,3-Dichlorobenzene	<0.27		0.27	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
1,4-Dichlorobenzene	<0.27		0.27	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,2'-oxybis[1-chloropropane]	<0.27		0.27	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(3-6)-103124

Lab Sample ID: 500-259381-12

Date Collected: 10/31/24 10:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.53		0.53	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,4,6-Trichlorophenol	<0.53		0.53	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,4-Dichlorophenol	<0.53		0.53	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,4-Dimethylphenol	<0.53		0.53	0.12	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,4-Dinitrophenol	<1.1		1.1	0.31	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,4-Dinitrotoluene	<0.27		0.27	0.030	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2,6-Dinitrotoluene	<0.27		0.27	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Chloronaphthalene	<0.27		0.27	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Chlorophenol	<0.27		0.27	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Methylnaphthalene	<0.11		0.11	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Methylphenol	<0.27		0.27	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Nitroaniline	<0.27		0.27	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
2-Nitrophenol	<0.53		0.53	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
3 & 4 Methylphenol	<0.27		0.27	0.039	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
3,3'-Dichlorobenzidine	<0.27		0.27	0.043	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
3-Nitroaniline	<0.53		0.53	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4,6-Dinitro-2-methylphenol	<1.1		1.1	0.30	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Bromophenyl phenyl ether	<0.27		0.27	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Chloro-3-methylphenol	<0.53		0.53	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Chloroaniline	<1.1		1.1	0.55	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Chlorophenyl phenyl ether	<0.27		0.27	0.069	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Nitroaniline	<0.53		0.53	0.039	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
4-Nitrophenol	<1.1		1.1	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Acenaphthene	<0.053		0.053	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Acenaphthylene	<0.053		0.053	0.0090	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Anthracene	<0.053		0.053	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Benzo[a]anthracene	0.029 J		0.053	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Benzo[a]pyrene	<0.053		0.053	0.051	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Benzo[b]fluoranthene	<0.053		0.053	0.050	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Benzo[g,h,i]perylene	<0.053		0.053	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Benzo[k]fluoranthene	<0.053		0.053	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Bis(2-chloroethoxy)methane	<0.27		0.27	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Bis(2-chloroethyl)ether	<0.27		0.27	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Bis(2-ethylhexyl) phthalate	<0.27 *-		0.27	0.21	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Butyl benzyl phthalate	<0.27		0.27	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Carbazole	<0.27		0.27	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Chrysene	0.017 J		0.053	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Dibenz(a,h)anthracene	<0.053		0.053	0.053	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Dibenzofuran	<0.27		0.27	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Diethyl phthalate	<0.27		0.27	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Dimethyl phthalate	<0.27		0.27	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Di-n-butyl phthalate	<0.27 *-		0.27	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Di-n-octyl phthalate	<0.53		0.53	0.37	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Fluoranthene	0.035 J		0.053	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Fluorene	<0.053		0.053	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Hexachlorobenzene	<0.11		0.11	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Hexachlorobutadiene	<0.27		0.27	0.030	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Hexachlorocyclopentadiene	<1.1		1.1	0.56	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1
Hexachloroethane	<0.27		0.27	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 17:02	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(3-6)-103124

Lab Sample ID: 500-259381-12

Date Collected: 10/31/24 10:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 92.4

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	<0.053		0.053	0.051	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Isophorone	<0.27		0.27	0.027	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Naphthalene	<0.053		0.053	0.0096	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Nitrobenzene	<0.053		0.053	0.017	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
N-Nitrosodi-n-propylamine	<0.11		0.11	0.010	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
N-Nitrosodiphenylamine	<0.27		0.27	0.031	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Pentachlorophenol	<1.1		1.1	0.13	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Phenanthrene	0.020	J	0.053	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Phenol	<0.27		0.27	0.023	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1
Pyrene	0.030	J	0.053	0.014	mg/Kg	✧	11/04/24 15:03	11/05/24 17:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	50		31 - 143	11/04/24 15:03	11/05/24 17:02	1
2-Fluorobiphenyl (Surr)	62		43 - 145	11/04/24 15:03	11/05/24 17:02	1
2-Fluorophenol (Surr)	75		31 - 166	11/04/24 15:03	11/05/24 17:02	1
Nitrobenzene-d5 (Surr)	62		37 - 147	11/04/24 15:03	11/05/24 17:02	1
Phenol-d5 (Surr)	65		30 - 153	11/04/24 15:03	11/05/24 17:02	1
Terphenyl-d14 (Surr)	78		42 - 157	11/04/24 15:03	11/05/24 17:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2400		10	4.3	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Antimony	<1.0		1.0	0.20	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Arsenic	2.3		0.52	0.18	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Barium	13		0.52	0.059	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Beryllium	0.17	J	0.21	0.049	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Cadmium	0.076	J	0.10	0.019	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Calcium	5000	B ^2	10	1.8	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Chromium	3.3		0.52	0.26	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Cobalt	2.0		0.26	0.068	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Copper	3.4		0.52	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Iron	3400		10	5.4	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Lead	8.9		0.26	0.12	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Magnesium	1000		5.2	2.6	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Manganese	61		0.52	0.075	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Nickel	3.4		0.52	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Potassium	270		26	9.2	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Selenium	<0.52		0.52	0.31	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Silver	<0.26		0.26	0.067	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Sodium	96		52	7.7	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Thallium	0.31	J	0.52	0.26	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Vanadium	4.6		0.26	0.061	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	1
Zinc	26		1.0	0.46	mg/Kg	✧	11/07/24 09:57	11/08/24 14:41	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		11/08/24 08:48	11/08/24 23:14	1
Barium	0.17	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 23:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 23:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 23:14	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R16-4(3-6)-103124

Lab Sample ID: 500-259381-12

Date Collected: 10/31/24 10:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 92.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.012	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Copper	0.013	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Iron	6.0		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 23:14	1
Lead	0.12		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 23:14	1
Manganese	0.68		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Nickel	0.014	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 23:14	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 23:14	1
Zinc	0.20	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 23:14	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		11/08/24 08:51	11/08/24 19:52	1
Barium	0.11	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:52	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:52	1
Chromium	0.027		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Cobalt	0.014	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Copper	0.035		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Iron	19		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:52	1
Lead	0.12		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:52	1
Manganese	0.37		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Nickel	0.023	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:52	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:52	1
Zinc	0.25	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:52	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		11/08/24 10:40	11/12/24 17:13	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		11/08/24 10:40	11/12/24 18:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.054		0.017	0.0071	mg/Kg	☼	11/08/24 16:25	11/13/24 11:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.3		0.2	0.2	SU			11/01/24 14:03	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Qualifiers

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
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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.
☼	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 007 FAI 94 Dolton

Job ID: 500-259381-1

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	05-31-25

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
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 734096



Address _____

Client Contact		Project Manager: A. Slesers		Site Contact: C. Davids		Date: 10/31/24		COC No: 734096	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 1 COCs	
Address: 300 Knightsbridge Pkwy		Analysis Turnaround Time							
City/State/Zip: Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Phone: 312-540-2518		TAT if different from Below _____							
Fax:		<input type="checkbox"/> 2 weeks							
Project Name: 007 DOLTON		<input type="checkbox"/> 1 week							
Site: DOLTON, IL		<input type="checkbox"/> 2 days							
P.O.#:		<input type="checkbox"/> 1 day							
Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other		500-259381 COC							
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
R18-3(0-5)-103124		10/31/24	0855	G	S	6			INCLUDE ZLPLSPLD Mn+Fe
R18-3(5-10)-103124			0900						
R18-3(10-15)-103124			0905						
R16-5(0-4)-103124			0925						
R16-5(4-9)-103124			0930						
R16-1(0-4)-103124			1025						
R16-1(4-9)-103124			1030						
R16-2(0-2)-103124			1035						
R16-3(0-2)-103124			1040						
R16-3(0-2)-103124			1040						
R16-4(0-3)-103124			1050						
R16-4(3-6)-103124			1055						
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: 6/175.4									
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 10/31/24, 10:09		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by _____		Company FEITA	
								Date/Time 10/31/24 12 12	



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 94 - I-94 at US 6 / 159th St to Michigan City Rd Office Phone Number, if available: _____

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

1510 Michigan City Road (ISGS Site No. 3227V-17)

City: Dolton State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: _____ Longitude: - _____

(Decimal Degrees)

(-Decimal Degrees)

Identify how the lat/long data were determined:

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

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

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

Estimated Volume of debris (cu. Yd.): 1,523

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: 847-705-4627

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: 847-705-4627

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 R17-2 WERE SAMPLED ADJACENT TO ISGS SITE 3227V-17. SEE FIGURE 3-1, 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]:

TESTAMERICA ANALYTICAL REPORTS - JOB IDS: 500-259257-1. ALSO SEE FIGURE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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


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

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

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

Michael A. Castillo, P.G.

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

24 February 2025

Date:



Summary Table - Residences (ISGS Site No. 3727V-17)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 94 - I-94 at US 6 / 159th Street to Michigan City Road
Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R17-2	R17-2
Field Sample ID		R17-2(0-5)-103024	R17-2(5-10)-103024
Sample Date		10/30/2024	10/30/2024
ISGS Site No.		3727V-17	3727V-17
Laboratory pH	<6.25,>9.0	8.0	8.2
VOCs (mg/kg)			
Acetone	25	ND	0.007 J
Carbon disulfide	9	ND	0.001 J
SVOCs		No Detections	
Total Metals (mg/kg)			
Aluminum, Total	---	1900	3500
Antimony, Total	5	ND	ND
Arsenic, Total	11.3 / 13,0	1.7	4.3
Barium, Total	1500	5.6	13
Beryllium, Total	22	0.14 J	0.28
Cadmium, Total	5.2	0.3 J	ND
Calcium, Total	---	24000 B	93000 B
Chromium, Total	21	3.9	6.7
Cobalt, Total	20	4.2	4.6
Copper, Total	2900	3.9	8.8
Iron, Total	15000 / 15900	5300	10000
Lead, Total	107	3.4	4
Magnesium, Total	325000	10000	44000
Manganese, Total	630 / 636	130	400
Mercury, Total	0.89	ND	ND
Nickel, Total	100	6	12
Potassium, Total	---	460	990
Selenium, Total	1.3	ND	ND
Silver, Total	4.4	ND	ND
Sodium, Total	---	190	280
Thallium, Total	2.6	0.84	2.1
Vanadium, Total	550	6.1	9.3
Zinc, Total	5100	27	31
TCLP Metals (mg/l)			
Arsenic, TCLP	0.05	0.015 J	0.014 J
Barium, TCLP	2	0.11 J	0.41 J
Beryllium, TCLP	0.004	ND	ND
Cadmium, TCLP	0.005	0.004 J	ND
Chromium, TCLP	0.1	0.019 J	0.017 J
Cobalt, TCLP	1	0.01 J	ND
Copper, TCLP	0.65	0.069	0.036
Iron, TCLP	5	18	14
Lead, TCLP	0.0075	0.0082	ND
Manganese, TCLP	0.15	1.7	3.3
Mercury, TCLP	0.002	0.00062	ND
Nickel, TCLP	0.1	0.035	0.047
Selenium, TCLP	0.05	ND	ND
Silver, TCLP	0.05	ND	ND
Zinc, TCLP	5	0.23 J	0.072 J

Summary Table - Residences (ISGS Site No. 3727V-17)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 94 - I-94 at US 6 / 159th Street to Michigan City Road
Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R17-2	R17-2
Field Sample ID		R17-2(0-5)-103024	R17-2(5-10)-103024
Sample Date		10/30/2024	10/30/2024
ISGS Site No.		3727V-17	3727V-17
SPLP Metals (mg/l)			
Arsenic, SPLP	0.05	ND	0.011 J
Barium, SPLP	2	ND	0.25 J
Beryllium, SPLP	0.004	ND	ND
Cadmium, SPLP	0.005	ND	ND
Chromium, SPLP	0.1	0.015 J	0.075
Cobalt, SPLP	1	0.011 J	0.032
Copper, SPLP	0.65	0.058	0.043
Iron, SPLP	5	15	56
Lead, SPLP	0.0075	0.032	0.029
Manganese, SPLP	0.15	0.13	0.74
Mercury, SPLP	0.002	ND	ND
Nickel, SPLP	0.1	0.012 J	0.084
Selenium, SPLP	0.05	ND	ND
Silver, SPLP	0.05	ND	ND
Zinc, SPLP	5	0.11 J	0.14 J

Notes:

--- - not applicable, value not available, or not analyzed.

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.

J - Estimated concentration.

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

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 11/14/2024 6:13:01 PM

JOB DESCRIPTION

IDOT- WO 007 FAI 94 Dolton

JOB NUMBER

500-259297-1

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
11/14/2024 6:13:01 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 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(0-5)-103024

Lab Sample ID: 500-259297-7

Date Collected: 10/30/24 00:55

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 80.7

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	0.0070	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Bromoform	<0.0017		0.0017	0.00098	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Carbon disulfide	<0.0042		0.0042	0.00077	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Carbon tetrachloride	<0.0017		0.0017	0.00057	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Chlorobenzene	<0.0017		0.0017	0.00071	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Chloromethane	<0.0042		0.0042	0.00081	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00067	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Dibromochloromethane	<0.0017		0.0017	0.00078	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,2-Dichloropropane	<0.0017	*+	0.0017	0.00043	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00080	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
2-Hexanone	<0.0042		0.0042	0.0025	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Methyl Ethyl Ketone	<0.0042	*- *1	0.0042	0.0018	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
methyl isobutyl ketone	<0.0042		0.0042	0.0030	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Styrene	<0.0017		0.0017	0.00075	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00063	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00080	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00068	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Trichloroethene	<0.0017		0.0017	0.00045	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Vinyl chloride	<0.0017		0.0017	0.00068	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1
Xylenes, Total	<0.0033		0.0033	0.00057	mg/Kg	☆	10/30/24 18:54	11/05/24 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	10/30/24 18:54	11/05/24 05:02	1
Dibromofluoromethane (Surr)	108		75 - 126	10/30/24 18:54	11/05/24 05:02	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	10/30/24 18:54	11/05/24 05:02	1
Toluene-d8 (Surr)	102		75 - 124	10/30/24 18:54	11/05/24 05:02	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	0.029	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
1,3-Dichlorobenzene	<0.21		0.21	0.018	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.029	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(0-5)-103024

Lab Sample ID: 500-259297-7

Date Collected: 10/30/24 00:55

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,4-Dimethylphenol	<0.41		0.41	0.091	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,4-Dinitrophenol	<0.82		0.82	0.24	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,4-Dinitrotoluene	<0.21		0.21	0.023	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2,6-Dinitrotoluene	<0.21		0.21	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Methylnaphthalene	<0.082		0.082	0.0082	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Methylphenol	<0.21		0.21	0.021	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.033	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Chloro-3-methylphenol	<0.41		0.41	0.016	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.053	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
4-Nitrophenol	<0.82		0.82	0.15	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Acenaphthene	<0.041		0.041	0.0083	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Acenaphthylene	<0.041		0.041	0.0069	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Anthracene	<0.041		0.041	0.0083	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Benzo[a]anthracene	<0.041		0.041	0.0086	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Benzo[a]pyrene	<0.041		0.041	0.039	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Benzo[b]fluoranthene	<0.041		0.041	0.039	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Benzo[g,h,i]perylene	<0.041		0.041	0.0088	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Benzo[k]fluoranthene	<0.041		0.041	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Butyl benzyl phthalate	<0.21		0.21	0.020	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Carbazole	<0.21		0.21	0.016	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Dibenzofuran	<0.21		0.21	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Dimethyl phthalate	<0.21		0.21	0.0089	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Di-n-octyl phthalate	<0.41		0.41	0.28	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Fluoranthene	<0.041		0.041	0.0095	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1
Hexachloroethane	<0.21		0.21	0.020	mg/Kg	☆	11/01/24 15:00	11/04/24 14:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(0-5)-103024

Lab Sample ID: 500-259297-7

Date Collected: 10/30/24 00:55

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 80.7

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	<0.041		0.041	0.040	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Isophorone	<0.21		0.21	0.021	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Naphthalene	<0.041		0.041	0.0074	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.0080	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
N-Nitrosodiphenylamine	<0.21		0.21	0.024	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Pentachlorophenol	<0.82	*	0.82	0.10	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Phenanthrene	<0.041		0.041	0.0089	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Phenol	<0.21		0.21	0.018	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1
Pyrene	<0.041		0.041	0.011	mg/Kg	✧	11/01/24 15:00	11/04/24 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143	11/01/24 15:00	11/04/24 14:46	1
2-Fluorobiphenyl (Surr)	78		43 - 145	11/01/24 15:00	11/04/24 14:46	1
2-Fluorophenol (Surr)	77		31 - 166	11/01/24 15:00	11/04/24 14:46	1
Nitrobenzene-d5 (Surr)	73		37 - 147	11/01/24 15:00	11/04/24 14:46	1
Phenol-d5 (Surr)	77		30 - 153	11/01/24 15:00	11/04/24 14:46	1
Terphenyl-d14 (Surr)	82		42 - 157	11/01/24 15:00	11/04/24 14:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1900		12	4.8	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Antimony	<1.2		1.2	0.23	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Arsenic	1.7		0.59	0.20	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Barium	5.6		0.59	0.067	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Beryllium	0.14	J	0.24	0.055	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Cadmium	0.30	B	0.12	0.021	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Calcium	24000	B	12	2.0	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Chromium	3.9		0.59	0.29	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Cobalt	4.2		0.29	0.077	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Copper	3.9		0.59	0.16	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Iron	5300		12	6.1	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Lead	3.4		0.29	0.14	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Magnesium	10000		5.9	2.9	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Manganese	130		0.59	0.085	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Nickel	6.0		0.59	0.17	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Potassium	460		29	10	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Selenium	<0.59		0.59	0.35	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Silver	<0.29		0.29	0.076	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Sodium	190		59	8.7	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Thallium	0.84		0.59	0.29	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Vanadium	6.1		0.29	0.069	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1
Zinc	27		1.2	0.52	mg/Kg	✧	11/01/24 16:47	11/06/24 23:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.015	J	0.050	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Barium	0.11	J	0.50	0.050	mg/L		11/06/24 15:07	11/07/24 15:36	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/06/24 15:07	11/07/24 15:36	1
Cadmium	0.0040	J	0.0050	0.0020	mg/L		11/06/24 15:07	11/07/24 15:36	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(0-5)-103024

Lab Sample ID: 500-259297-7

Date Collected: 10/30/24 00:55

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 80.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.019	J	0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Cobalt	0.010	J	0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Copper	0.069		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Iron	18		0.40	0.20	mg/L		11/06/24 15:07	11/07/24 15:36	1
Lead	0.0082		0.0075	0.0075	mg/L		11/06/24 15:07	11/07/24 15:36	1
Manganese	1.7		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Nickel	0.035		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Selenium	<0.050		0.050	0.020	mg/L		11/06/24 15:07	11/07/24 15:36	1
Silver	<0.025		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:36	1
Zinc	0.23	J	0.50	0.020	mg/L		11/06/24 15:07	11/07/24 15:36	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		11/06/24 15:09	11/07/24 15:41	1
Barium	<0.50		0.50	0.050	mg/L		11/06/24 15:09	11/07/24 15:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/06/24 15:09	11/07/24 15:41	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/06/24 15:09	11/07/24 15:41	1
Chromium	0.015	J	0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Cobalt	0.011	J	0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Copper	0.058		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Iron	15		0.40	0.20	mg/L		11/06/24 15:09	11/07/24 15:41	1
Lead	0.032		0.0075	0.0075	mg/L		11/06/24 15:09	11/07/24 15:41	1
Manganese	0.13		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Nickel	0.012	J	0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Selenium	<0.050		0.050	0.020	mg/L		11/06/24 15:09	11/07/24 15:41	1
Silver	<0.025		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:41	1
Zinc	0.11	J	0.50	0.020	mg/L		11/06/24 15:09	11/07/24 15:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00062		0.00020	0.00020	mg/L		11/07/24 11:45	11/08/24 10:17	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		11/07/24 11:45	11/08/24 08:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.019		0.019	0.0078	mg/Kg	☼	11/07/24 16:20	11/08/24 10:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			10/31/24 15:25	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(5-10)-103024

Lab Sample ID: 500-259297-8

Date Collected: 10/30/24 01:00

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0070	J	0.015	0.0063	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Bromoform	<0.0015		0.0015	0.00088	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Carbon disulfide	0.0010	J	0.0038	0.00070	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Chloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Chloromethane	<0.0038		0.0038	0.00073	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,2-Dichloroethane	<0.0038		0.0038	0.00098	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,2-Dichloropropane	<0.0015	*+	0.0015	0.00039	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Methyl Ethyl Ketone	<0.0038	*- *1	0.0038	0.0017	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
methyl isobutyl ketone	<0.0038		0.0038	0.0027	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,1,2,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00075	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	10/30/24 18:54	11/05/24 05:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+ *3	75 - 131	10/30/24 18:54	11/05/24 05:27	1
Dibromofluoromethane (Surr)	116		75 - 126	10/30/24 18:54	11/05/24 05:27	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	10/30/24 18:54	11/05/24 05:27	1
Toluene-d8 (Surr)	125	S1+	75 - 124	10/30/24 18:54	11/05/24 05:27	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	☆	11/01/24 15:00	11/04/24 15:10	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(5-10)-103024

Lab Sample ID: 500-259297-8

Date Collected: 10/30/24 01:00

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,4-Dimethylphenol	<0.38		0.38	0.087	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.032	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Nitroaniline	<0.38		0.38	0.029	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Acenaphthene	<0.038		0.038	0.0079	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Acenaphthylene	<0.038		0.038	0.0066	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0084	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Fluoranthene	<0.038		0.038	0.0090	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	11/01/24 15:00	11/04/24 15:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(5-10)-103024

Lab Sample ID: 500-259297-8

Date Collected: 10/30/24 01:00

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 84.5

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	<0.038		0.038	0.038	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0076	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Pentachlorophenol	<0.78	*	0.78	0.097	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Phenol	<0.19		0.19	0.017	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1
Pyrene	<0.038		0.038	0.011	mg/Kg	✱	11/01/24 15:00	11/04/24 15:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	44		31 - 143	11/01/24 15:00	11/04/24 15:10	1
2-Fluorobiphenyl (Surr)	58		43 - 145	11/01/24 15:00	11/04/24 15:10	1
2-Fluorophenol (Surr)	57		31 - 166	11/01/24 15:00	11/04/24 15:10	1
Nitrobenzene-d5 (Surr)	57		37 - 147	11/01/24 15:00	11/04/24 15:10	1
Phenol-d5 (Surr)	54		30 - 153	11/01/24 15:00	11/04/24 15:10	1
Terphenyl-d14 (Surr)	60		42 - 157	11/01/24 15:00	11/04/24 15:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		11	4.7	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Antimony	<1.1		1.1	0.22	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Arsenic	4.3		0.57	0.19	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Barium	13		0.57	0.065	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Beryllium	0.28		0.23	0.053	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Cadmium	<0.11		0.11	0.021	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Calcium	93000	B	110	19	mg/Kg	✱	11/01/24 16:47	11/07/24 12:02	10
Chromium	6.7		0.57	0.28	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Cobalt	4.6		0.28	0.075	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Copper	8.8		0.57	0.16	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Iron	10000		11	5.9	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Lead	4.0		0.28	0.13	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Magnesium	44000		57	28	mg/Kg	✱	11/01/24 16:47	11/07/24 12:02	10
Manganese	400		0.57	0.083	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Nickel	12		0.57	0.17	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Potassium	990		28	10	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Selenium	<0.57		0.57	0.33	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Silver	<0.28		0.28	0.073	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Sodium	280		57	8.4	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Thallium	2.1		0.57	0.28	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Vanadium	9.3		0.28	0.067	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1
Zinc	31		1.1	0.50	mg/Kg	✱	11/01/24 16:47	11/06/24 23:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.014	J	0.050	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Barium	0.41	J	0.50	0.050	mg/L		11/06/24 15:07	11/07/24 15:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/06/24 15:07	11/07/24 15:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/06/24 15:07	11/07/24 15:40	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2(5-10)-103024

Lab Sample ID: 500-259297-8

Date Collected: 10/30/24 01:00

Matrix: Solid

Date Received: 10/30/24 12:40

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.017	J	0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Cobalt	<0.025		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Copper	0.036		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Iron	14		0.40	0.20	mg/L		11/06/24 15:07	11/07/24 15:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/06/24 15:07	11/07/24 15:40	1
Manganese	3.3		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Nickel	0.047		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Selenium	<0.050		0.050	0.020	mg/L		11/06/24 15:07	11/07/24 15:40	1
Silver	<0.025		0.025	0.010	mg/L		11/06/24 15:07	11/07/24 15:40	1
Zinc	0.072	J	0.50	0.020	mg/L		11/06/24 15:07	11/07/24 15:40	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		11/06/24 15:09	11/07/24 15:45	1
Barium	0.25	J	0.50	0.050	mg/L		11/06/24 15:09	11/07/24 15:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/06/24 15:09	11/07/24 15:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/06/24 15:09	11/07/24 15:45	1
Chromium	0.075		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Cobalt	0.032		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Copper	0.043		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Iron	56		0.40	0.20	mg/L		11/06/24 15:09	11/07/24 15:45	1
Lead	0.029		0.0075	0.0075	mg/L		11/06/24 15:09	11/07/24 15:45	1
Manganese	0.74		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Nickel	0.084		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Selenium	<0.050		0.050	0.020	mg/L		11/06/24 15:09	11/07/24 15:45	1
Silver	<0.025		0.025	0.010	mg/L		11/06/24 15:09	11/07/24 15:45	1
Zinc	0.14	J	0.50	0.020	mg/L		11/06/24 15:09	11/07/24 15:45	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		11/07/24 11:45	11/08/24 10:19	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		11/07/24 11:45	11/08/24 09:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.018		0.018	0.0076	mg/Kg	☼	11/07/24 16:20	11/08/24 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.2		0.2	0.2	SU			10/31/24 15:28	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2-103024

Lab Sample ID: 500-259297-9

Date Collected: 10/30/24 01:15

Matrix: Water

Date Received: 10/30/24 12:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0079	J	0.010	0.0043	mg/L			11/09/24 22:03	1
Benzene	<0.00050		0.00050	0.00018	mg/L			11/09/24 22:03	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			11/09/24 22:03	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			11/09/24 22:03	1
Bromomethane	<0.0030		0.0030	0.0018	mg/L			11/09/24 22:03	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			11/09/24 22:03	1
Carbon disulfide	<0.0020		0.0020	0.0011	mg/L			11/09/24 22:03	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			11/09/24 22:03	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			11/09/24 22:03	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			11/09/24 22:03	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			11/09/24 22:03	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			11/09/24 22:03	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			11/09/24 22:03	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			11/09/24 22:03	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			11/09/24 22:03	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			11/09/24 22:03	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			11/09/24 22:03	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			11/09/24 22:03	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			11/09/24 22:03	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			11/09/24 22:03	1
Ethylbenzene	<0.00050		0.00050	0.00020	mg/L			11/09/24 22:03	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			11/09/24 22:03	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			11/09/24 22:03	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			11/09/24 22:03	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			11/09/24 22:03	1
Styrene	<0.0010		0.0010	0.00031	mg/L			11/09/24 22:03	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			11/09/24 22:03	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			11/09/24 22:03	1
Toluene	<0.00050		0.00050	0.00021	mg/L			11/09/24 22:03	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			11/09/24 22:03	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			11/09/24 22:03	1
1,1,1-Trichloroethane	<0.0010	+	0.0010	0.00045	mg/L			11/09/24 22:03	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			11/09/24 22:03	1
Trichloroethene	<0.00050	+	0.00050	0.00015	mg/L			11/09/24 22:03	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			11/09/24 22:03	1
Xylenes, Total	0.0010		0.0010	0.00030	mg/L			11/09/24 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 124		11/09/24 22:03	1
Dibromofluoromethane (Surr)	102		75 - 120		11/09/24 22:03	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		11/09/24 22:03	1
Toluene-d8 (Surr)	98		75 - 120		11/09/24 22:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0017		0.0017	0.00020	mg/L		11/05/24 06:57	11/05/24 14:26	1
1,2-Dichlorobenzene	<0.0017		0.0017	0.00021	mg/L		11/05/24 06:57	11/05/24 14:26	1
1,3-Dichlorobenzene	<0.0017		0.0017	0.00017	mg/L		11/05/24 06:57	11/05/24 14:26	1
1,4-Dichlorobenzene	<0.0017		0.0017	0.00017	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,2'-oxybis[1-chloropropane]	<0.0017		0.0017	0.00032	mg/L		11/05/24 06:57	11/05/24 14:26	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2-103024

Lab Sample ID: 500-259297-9

Date Collected: 10/30/24 01:15

Matrix: Water

Date Received: 10/30/24 12:40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.0084		0.0084	0.0021	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,4,6-Trichlorophenol	<0.0042		0.0042	0.00060	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,4-Dichlorophenol	<0.0084		0.0084	0.0022	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,4-Dimethylphenol	<0.0084		0.0084	0.0015	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,4-Dinitrophenol	<0.017		0.017	0.0072	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,4-Dinitrotoluene	<0.00084		0.00084	0.00021	mg/L		11/05/24 06:57	11/05/24 14:26	1
2,6-Dinitrotoluene	<0.00084		0.00084	0.000062	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Chloronaphthalene	<0.0017		0.0017	0.00020	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Chlorophenol	<0.0042		0.0042	0.00047	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Methylnaphthalene	<0.0017		0.0017	0.000054	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Methylphenol	<0.0017		0.0017	0.00026	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Nitroaniline	<0.0042		0.0042	0.0011	mg/L		11/05/24 06:57	11/05/24 14:26	1
2-Nitrophenol	<0.0084		0.0084	0.0021	mg/L		11/05/24 06:57	11/05/24 14:26	1
3 & 4 Methylphenol	<0.0017		0.0017	0.00038	mg/L		11/05/24 06:57	11/05/24 14:26	1
3,3'-Dichlorobenzidine	<0.0042		0.0042	0.0014	mg/L		11/05/24 06:57	11/05/24 14:26	1
3-Nitroaniline	<0.0084		0.0084	0.0015	mg/L		11/05/24 06:57	11/05/24 14:26	1
4,6-Dinitro-2-methylphenol	<0.017		0.017	0.0049	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Bromophenyl phenyl ether	<0.0042		0.0042	0.00045	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Chloro-3-methylphenol	<0.0084		0.0084	0.0019	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Chloroaniline	<0.0084		0.0084	0.0017	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Chlorophenyl phenyl ether	<0.0042		0.0042	0.00053	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Nitroaniline	<0.0084		0.0084	0.0014	mg/L		11/05/24 06:57	11/05/24 14:26	1
4-Nitrophenol	<0.017		0.017	0.0062	mg/L		11/05/24 06:57	11/05/24 14:26	1
Acenaphthene	<0.00084		0.00084	0.00026	mg/L		11/05/24 06:57	11/05/24 14:26	1
Acenaphthylene	<0.00084		0.00084	0.00022	mg/L		11/05/24 06:57	11/05/24 14:26	1
Anthracene	<0.00084		0.00084	0.00028	mg/L		11/05/24 06:57	11/05/24 14:26	1
Benzo[a]anthracene	<0.00014		0.00014	0.000047	mg/L		11/05/24 06:57	11/05/24 14:26	1
Benzo[a]pyrene	<0.00017		0.00017	0.000083	mg/L		11/05/24 06:57	11/05/24 14:26	1
Benzo[b]fluoranthene	<0.00017		0.00017	0.000067	mg/L		11/05/24 06:57	11/05/24 14:26	1
Benzo[g,h,i]perylene	<0.00084		0.00084	0.00031	mg/L		11/05/24 06:57	11/05/24 14:26	1
Benzo[k]fluoranthene	<0.00017		0.00017	0.000054	mg/L		11/05/24 06:57	11/05/24 14:26	1
Bis(2-chloroethoxy)methane	<0.0017		0.0017	0.00024	mg/L		11/05/24 06:57	11/05/24 14:26	1
Bis(2-chloroethyl)ether	<0.0017		0.0017	0.00024	mg/L		11/05/24 06:57	11/05/24 14:26	1
Bis(2-ethylhexyl) phthalate	<0.0084		0.0084	0.0014	mg/L		11/05/24 06:57	11/05/24 14:26	1
Butyl benzyl phthalate	<0.0017		0.0017	0.00040	mg/L		11/05/24 06:57	11/05/24 14:26	1
Carbazole	<0.0042		0.0042	0.00030	mg/L		11/05/24 06:57	11/05/24 14:26	1
Chrysene	<0.00017		0.00017	0.000057	mg/L		11/05/24 06:57	11/05/24 14:26	1
Dibenz(a,h)anthracene	<0.00025		0.00025	0.000042	mg/L		11/05/24 06:57	11/05/24 14:26	1
Dibenzofuran	<0.0017		0.0017	0.00022	mg/L		11/05/24 06:57	11/05/24 14:26	1
Diethyl phthalate	<0.0042		0.0042	0.00030	mg/L		11/05/24 06:57	11/05/24 14:26	1
Dimethyl phthalate	<0.0042		0.0042	0.00026	mg/L		11/05/24 06:57	11/05/24 14:26	1
Di-n-butyl phthalate	<0.0042		0.0042	0.00061	mg/L		11/05/24 06:57	11/05/24 14:26	1
Di-n-octyl phthalate	<0.0084		0.0084	0.00088	mg/L		11/05/24 06:57	11/05/24 14:26	1
Fluoranthene	<0.00084		0.00084	0.00038	mg/L		11/05/24 06:57	11/05/24 14:26	1
Fluorene	<0.00084		0.00084	0.00020	mg/L		11/05/24 06:57	11/05/24 14:26	1
Hexachlorobenzene	<0.00042		0.00042	0.000066	mg/L		11/05/24 06:57	11/05/24 14:26	1
Hexachlorobutadiene	<0.0042		0.0042	0.00043	mg/L		11/05/24 06:57	11/05/24 14:26	1
Hexachlorocyclopentadiene	<0.017		0.017	0.0053	mg/L		11/05/24 06:57	11/05/24 14:26	1
Hexachloroethane	<0.0042		0.0042	0.00050	mg/L		11/05/24 06:57	11/05/24 14:26	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Client Sample ID: R17-2-103024

Lab Sample ID: 500-259297-9

Date Collected: 10/30/24 01:15

Matrix: Water

Date Received: 10/30/24 12:40

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	<0.00017		0.00017	0.000063	mg/L		11/05/24 06:57	11/05/24 14:26	1
Isophorone	<0.0017		0.0017	0.00031	mg/L		11/05/24 06:57	11/05/24 14:26	1
Naphthalene	<0.00084		0.00084	0.00026	mg/L		11/05/24 06:57	11/05/24 14:26	1
Nitrobenzene	<0.00084		0.00084	0.00038	mg/L		11/05/24 06:57	11/05/24 14:26	1
N-Nitrosodi-n-propylamine	<0.00042		0.00042	0.00013	mg/L		11/05/24 06:57	11/05/24 14:26	1
N-Nitrosodiphenylamine	<0.0017		0.0017	0.00031	mg/L		11/05/24 06:57	11/05/24 14:26	1
Pentachlorophenol	<0.017		0.017	0.0033	mg/L		11/05/24 06:57	11/05/24 14:26	1
Phenanthrene	<0.00084		0.00084	0.00025	mg/L		11/05/24 06:57	11/05/24 14:26	1
Phenol	<0.0042		0.0042	0.00056	mg/L		11/05/24 06:57	11/05/24 14:26	1
Pyrene	<0.00084		0.00084	0.00036	mg/L		11/05/24 06:57	11/05/24 14:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	43		27 - 110	11/05/24 06:57	11/05/24 14:26	1
Phenol-d5 (Surr)	31		20 - 110	11/05/24 06:57	11/05/24 14:26	1
Nitrobenzene-d5 (Surr)	66		36 - 120	11/05/24 06:57	11/05/24 14:26	1
2-Fluorobiphenyl (Surr)	66		34 - 110	11/05/24 06:57	11/05/24 14:26	1
2,4,6-Tribromophenol (Surr)	79		40 - 145	11/05/24 06:57	11/05/24 14:26	1
Terphenyl-d14 (Surr)	71		40 - 145	11/05/24 06:57	11/05/24 14:26	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20		0.10	0.025	mg/L		11/05/24 13:30	11/06/24 17:37	1
Antimony	<0.0030		0.0030	0.0013	mg/L		11/05/24 13:30	11/06/24 17:37	1
Arsenic	0.013		0.0010	0.00023	mg/L		11/05/24 13:30	11/06/24 17:37	1
Barium	0.27		0.0025	0.00073	mg/L		11/05/24 13:30	11/06/24 17:37	1
Beryllium	0.0015		0.0010	0.00053	mg/L		11/05/24 13:30	11/07/24 14:56	1
Cadmium	0.00076		0.00050	0.00017	mg/L		11/05/24 13:30	11/06/24 17:37	1
Calcium	250		0.20	0.044	mg/L		11/05/24 13:30	11/06/24 17:37	1
Chromium	0.068		0.0050	0.0011	mg/L		11/05/24 13:30	11/06/24 17:37	1
Cobalt	0.028		0.0010	0.00040	mg/L		11/05/24 13:30	11/06/24 17:37	1
Copper	0.045		0.0020	0.00050	mg/L		11/05/24 13:30	11/06/24 17:37	1
Iron	46		0.10	0.047	mg/L		11/05/24 13:30	11/06/24 17:37	1
Lead	0.040		0.00050	0.00019	mg/L		11/05/24 13:30	11/06/24 17:37	1
Magnesium	79		0.20	0.049	mg/L		11/05/24 13:30	11/06/24 17:37	1
Manganese	1.0		0.0025	0.00079	mg/L		11/05/24 13:30	11/06/24 17:37	1
Nickel	0.049		0.0020	0.00063	mg/L		11/05/24 13:30	11/06/24 17:37	1
Potassium	12		0.50	0.11	mg/L		11/05/24 13:30	11/06/24 17:37	1
Selenium	0.0025		0.0025	0.00098	mg/L		11/05/24 13:30	11/06/24 17:37	1
Silver	<0.00050		0.00050	0.00012	mg/L		11/05/24 13:30	11/06/24 17:37	1
Sodium	300		0.20	0.077	mg/L		11/05/24 13:30	11/06/24 17:37	1
Thallium	<0.0020		0.0020	0.00057	mg/L		11/05/24 13:30	11/06/24 17:37	1
Vanadium	0.051		0.0050	0.0022	mg/L		11/05/24 13:30	11/06/24 17:37	1
Zinc	0.16		0.020	0.0069	mg/L		11/05/24 13:30	11/06/24 17:37	1

Method: SW846 7470A - Mercury

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		11/06/24 11:10	11/07/24 08:48	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*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
*-	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
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.
☼	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)

Eurofins Chicago

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259297-1

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 007 FAI 94 Dolton

Job ID: 500-259297-1

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	05-31-25
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
8260D		Water	1,3-Dichloropropene, Total
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids


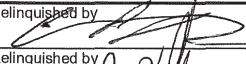
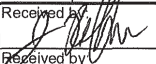
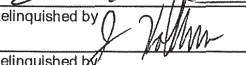
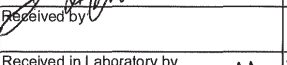

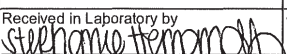
Chain of Custody Record 734094

Environment Testing
America

TAL-8210

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: A. J. Jersers		Site Contact: C. Davids		Date: 10/30/2024		COC No: 734094			
Company Name: <u>Weston Solutions</u>		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 2 COCs			
Address: <u>300 Knightsbridge Pkwy</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		VOCs SVOCs Total Metals TLPLSPLP Metals pH		 500-259297 COC		Sampler	
City/State/Zip: <u>Lincolnshire, IL 60069</u>		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS								For Lab Use Only:	
Phone: <u>812-540-2888</u>		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: <u>007 I-94 DOT/IL</u>								Job / SDG No		<u>500-259297</u>	
Site: <u>DOT/IL</u>										<u>500-259297</u>	
PO #										Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.					
R18-1 (O-S) - 102924		10/29/24	2100	G	S	6	X	X	X	X	INCLUDE TLPLSPLP Mn+Fe in analysis
R18-1 (S-10) - 102924		10/29/24	2105	G	S	6	X	X	X	X	
R18-1 - 102924		10/29/24	2130	G	W	6	X	X	X		
TRIP Blank		10/29/24	2130	G	W	3	X				
R18-2 (O-S) - 102924		10/29/24	2145	G	S	6	X	X	X	X	
R18-2 (S-10) - 102924		10/29/24	2150	G	S	6	X	X	X	X	
R17-2 (O-S) - 103024		10/30/24	0055	G	S	6	X	X	X	X	
R17-2 (S-10) - 103024		10/30/24	0100	G	S	6	X	X	X	X	
R17-2 - 103024		10/30/24	0115	G	W	6	X	X	X		
TRIP Blank		10/30/24	0115	G	W	3	X				
R17-1 (O-S) - 103024		10/30/24	0135	G	S	6	X	X	X	X	
R17-1 (O-S) - 103024		10/30/24	0135	G	S	6	X	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:											
Custody Seals Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No		Cooling Temp (°C) Obs'd 3.9 → 3.8		Cor'd		Therm ID No			
Relinquished by 		Company <u>Weston</u>		Date/Time <u>10/30/24 1015</u>		Received by 		Company <u>EEA</u>			
Relinquished by 		Company <u>EEA</u>		Date/Time <u>10/30/24 1240</u>		Received by 		Company <u>EEA</u>			
Relinquished by 		Company _____		Date/Time _____		Received in Laboratory by 		Company <u>EEA</u>			
								Date/Time <u>10/30/24 1240</u>			

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAI-8210

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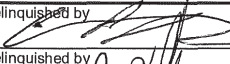
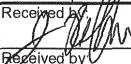
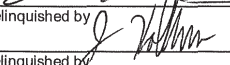
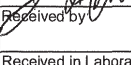


Chain of Custody Record 734094

Environment Testing
America

TAL-8210

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: A. Desers		Site Contact: C. Davids		Date: 10/30/2024		COC No: 734094			
Company Name: <u>Weston Solutions</u>		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 2 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)		VOCs SVOCs Total Metals TLCLP Metals pH		 500-259297 COC		Sampler	
City/State/Zip: <u>Lincolnshire, IL 60069</u>										For Lab Use Only: Walk-in Client Lab Sampling	
Phone: <u>812-540-2888</u>										Job / SDG No <u>500-259297</u>	
Fax:										Sample Specific Notes	
Project Name: <u>007 E-94 D0170N</u>										500-259297 10/30/24	
Site: <u>D0170N, IL</u>											
PO #											
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.					
R18-1 (O-S) - 102924		10/29/24	2100	G	S	6	X	X	X	X	INCLUDE TLCLP Mn+Fe in analysis
R18-1 (S-10) - 102924		10/29/24	2105	G	S	6	X	X	X	X	
R18-1 - 102924		10/29/24	2130	G	W	6	X	X	X		
TRIP Blank		10/29/24	2130	G	W	3	X				
R18-2 (O-S) - 102924		10/29/24	2145	G	S	6	X	X	X	X	
R18-2 (S-10) - 102924		10/29/24	2150	G	S	6	X	X	X	X	
R17-2 (O-S) - 103024		10/30/24	0055	G	S	6	X	X	X	X	
R17-2 (S-10) - 103024		10/30/24	0100	G	S	6	X	X	X	X	
R17-2 - 103024		10/30/24	0115	G	W	6	X	X	X		
TRIP Blank		10/30/24	0115	G	W	3	X				
R17-1 (O-S) - 103024		10/30/24	0135	G	S	6	X	X	X	X	
R17-1 (O-S) - 103024		10/30/24	0135	G	S	6	X	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 <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		Cooling Temp (°C) Obs'd		Cor'd		Therm ID No			
Relinquished by 		Company <u>Weston</u>		Date/Time <u>10/30/24 10:15</u>		Received by 		Company <u>EEA</u>		Date/Time <u>10/30/24 12:40</u>	
Relinquished by 		Company <u>EEA</u>		Date/Time <u>10/30/24 12:40</u>		Received by 		Company <u>EEA</u>		Date/Time <u>10/30/24 12:40</u>	
Relinquished by 		Company <u>EEA</u>		Date/Time <u>10/30/24 12:40</u>		Received in Laboratory by 		Company <u>EEA</u>		Date/Time <u>10/30/24 12:40</u>	

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAI-8210

[illegible]



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 94 - I-94 at US 6 / 159th St to Michigan City Rd Office Phone Number, if available: _____

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

15127-15155 Lincoln Ave, 15139 East End Ave, 524 Cornell Ave, 15100 - 15123 Cornell Ave (ISGS Site No. 3227V-18)

City: Dolton State: IL Zip Code: _____

County: Cook Township: _____

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

Latitude: _____ Longitude: - _____

(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.): 26

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 R18-3 WERE SAMPLED ADJACENT TO ISGS SITE 3227V-18. SEE FIGURE 3-1, 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]:

TESTAMERICA ANALYTICAL REPORTS - JOB ID: 500-259381-1. ALSO SEE FIGURE 4-1 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

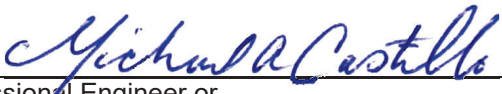
I, Michael A. Castillo, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with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

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

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

Michael A. Castillo, P.G.

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

24 February 2025

Date:



Summary Table - Residences (ISGS Site No. 3727V-18)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 94 - I-94 at US 6 / 159th Street to Michigan City Road
Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R18-3	R18-3	R18-3
Field Sample ID		R18-3(0-5)- 103124	R18-3(5-10)- 103124	R18-3(10-15)- 103124
Sample Date		10/31/2024	10/31/2024	10/31/2024
ISGS Site No.		3727V-18	3727V-18	3727V-18
Laboratory pH	<6.25,>9.0	8.4	7.4	7.4
VOCs		No Detections		
SVOCs (mg/kg)				
2-Methylnaphthalene	---	0.029 J	ND	ND
Acenaphthene	570	0.083	ND	ND
Acenaphthylene	---	0.0096 J	ND	ND
Anthracene	12000	0.28	ND	ND
Benzo(a)anthracene	0.9 / 11 / 1.8	1.1	ND	0.034 J
Benzo(a)pyrene	0.09 / 11 / 2.1	1.2	ND	ND
Benzo(b)fluoranthene	0.9 / 13 / 2.1	1.5	ND	ND
Benzo(g,h,i)perylene	---	0.63 J	ND	0.024 J
Benzo(k)fluoranthene	9	0.48	ND	ND
Carbazole	0.6	0.058 J	ND	ND
Chrysene	88	0.99	ND	0.016 J
Dibenzo(a,h)anthracene	0.09 / 1.0 / 0.42	0.19	ND	ND
Dibenzofuran	---	0.039 J	ND	ND
Di-N-Butyl phthalate	2300	0.18 J	ND	ND
Fluoranthene	3100	2.2	ND	0.031 J
Fluorene	560	0.11	ND	ND
Indeno(1,2,3-cd)pyrene	0.9 / 5.8 / 1.6	0.79	ND	ND
Naphthalene	1.8	0.017 J	ND	ND
Phenanthrene	---	1.2	ND	0.04 J
Pyrene	2300	2.2	ND	0.028 J
Total Metals (mg/kg)				
Aluminum, Total	---	2700	2000	1800
Antimony, Total	5	0.29 J	ND	0.42 J
Arsenic, Total	11.3 / 13.0	2.4	2.5	3.1
Barium, Total	1500	15 J	6.5	6.3
Beryllium, Total	22	0.22	0.1 J	0.15 J
Cadmium, Total	5.2	0.077 J	ND	ND
Calcium, Total	---	19000 J	350 B	450 B
Chromium, Total	21	4.3	2.8	95
Cobalt, Total	20	3.1	2.1	3.3
Copper, Total	2900	4.4	0.87	3.6
Iron, Total	15000 / 15900	5100	3400	5100
Lead, Total	107	7.7 J	2.3	4.1
Magnesium, Total	325000	8100 J	450	650
Manganese, Total	630 / 636	120	18	35
Mercury, Total	0.89	0.027	0.016	0.022
Nickel, Total	100	5.4	2.8	18
Potassium, Total	---	500 J	180	350
Selenium, Total	1.3	ND	ND	ND
Silver, Total	4.4	ND	ND	ND
Sodium, Total	---	110	65	130
Thallium, Total	2.6	0.68	ND	ND
Vanadium, Total	550	6	4.6	6.1
Zinc, Total	5100	24	7.5	14

Summary Table - Residences (ISGS Site No. 3727V-18)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 94 - I-94 at US 6 / 159th Street to Michigan City Road
Dolton, Cook County, Illinois

Location	Reference Concentrations (MAC Table)	R18-3	R18-3	R18-3
Field Sample ID		R18-3(0-5)- 103124	R18-3(5-10)- 103124	R18-3(10-15)- 103124
Sample Date		10/31/2024	10/31/2024	10/31/2024
ISGS Site No.			3727V-18	3727V-18
TCLP Metals (mg/l)				
Arsenic, TCLP	0.05	ND	ND	ND
Barium, TCLP	2	0.19 J	0.096 J	0.085 J
Beryllium, TCLP	0.004	ND	ND	ND
Cadmium, TCLP	0.005	0.0027 J	ND	ND
Chromium, TCLP	0.1	ND	0.014 J	0.027
Cobalt, TCLP	1	0.02 J	ND	ND
Copper, TCLP	0.65	ND	ND	0.018 J
Iron, TCLP	5	1.9	11	23
Lead, TCLP	0.0075	ND	ND	0.025
Manganese, TCLP	0.15	1.6	0.079	0.23
Mercury, TCLP	0.002	ND	ND	ND
Nickel, TCLP	0.1	0.016 J	0.012 J	0.027
Selenium, TCLP	0.05	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND
Zinc, TCLP	5	0.089 J	0.03 J	0.084 J
SPLP Metals (mg/l)				
Arsenic, SPLP	0.05	0.026 J	ND	0.011 J
Barium, SPLP	2	0.3 J	0.056 J	0.07 J
Beryllium, SPLP	0.004	ND	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND
Chromium, SPLP	0.1	0.098	0.018 J	0.031
Cobalt, SPLP	1	0.046	ND	0.019 J
Copper, SPLP	0.65	0.11	ND	0.017 J
Iron, SPLP	5	75	14	26
Lead, SPLP	0.0075	0.29 J	0.0082	0.03
Manganese, SPLP	0.15	1 J	0.069	0.27
Mercury, SPLP	0.002	ND	ND	ND
Nickel, SPLP	0.1	0.1	0.013 J	0.026
Selenium, SPLP	0.05	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND
Zinc, SPLP	5	0.52	0.035 J	0.075 J

Notes:

--- - not applicable, value not available, or not analyzed.

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.

J - Estimated concentration.

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

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 11/14/2024 5:41:36 PM

JOB DESCRIPTION

IDOT- WO 007 FAI 94 Dolton

JOB NUMBER

500-259381-1

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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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 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(0-5)-103124

Lab Sample ID: 500-259381-1

Date Collected: 10/31/24 08:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	☆	11/01/24 09:18	11/04/24 14:14	1
Benzene	<0.0017		0.0017	0.00055	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Bromodichloromethane	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Bromomethane	<0.0044		0.0044	0.0021	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Carbon disulfide	<0.0044		0.0044	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Carbon tetrachloride	<0.0017		0.0017	0.00059	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Chlorobenzene	<0.0017		0.0017	0.00074	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Chloroform	<0.0017		0.0017	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Chloromethane	<0.0044		0.0044	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Dibromochloromethane	<0.0017		0.0017	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,1-Dichloroethane	<0.0017		0.0017	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,1-Dichloroethene	<0.0017		0.0017	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Ethylbenzene	<0.0017		0.0017	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
2-Hexanone	<0.0044		0.0044	0.0026	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
methyl isobutyl ketone	<0.0044		0.0044	0.0031	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00087	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Tetrachloroethene	<0.0017		0.0017	0.00098	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Vinyl chloride	<0.0017		0.0017	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	11/01/24 09:18	11/04/24 14:14	1
Dibromofluoromethane (Surr)	103		75 - 126	11/01/24 09:18	11/04/24 14:14	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	11/01/24 09:18	11/04/24 14:14	1
Toluene-d8 (Surr)	109		75 - 124	11/01/24 09:18	11/04/24 14:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
1,2-Dichlorobenzene	<0.26		0.26	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
1,3-Dichlorobenzene	<0.26		0.26	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
1,4-Dichlorobenzene	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,2'-oxybis[1-chloropropane]	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(0-5)-103124

Lab Sample ID: 500-259381-1

Date Collected: 10/31/24 08:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.51		0.51	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,4,6-Trichlorophenol	<0.51		0.51	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,4-Dichlorophenol	<0.51		0.51	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,4-Dimethylphenol	<0.51		0.51	0.12	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,4-Dinitrophenol	<1.0		1.0	0.30	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,4-Dinitrotoluene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2,6-Dinitrotoluene	<0.26		0.26	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Chloronaphthalene	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Chlorophenol	<0.26		0.26	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Methylnaphthalene	0.029	J	0.10	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Methylphenol	<0.26		0.26	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Nitroaniline	<0.26		0.26	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
2-Nitrophenol	<0.51		0.51	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
3 & 4 Methylphenol	<0.26		0.26	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
3,3'-Dichlorobenzidine	<0.26		0.26	0.042	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
3-Nitroaniline	<0.51		0.51	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Bromophenyl phenyl ether	<0.26		0.26	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Chloro-3-methylphenol	<0.51		0.51	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Chloroaniline	<1.0		1.0	0.54	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Chlorophenyl phenyl ether	<0.26		0.26	0.068	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Nitroaniline	<0.51		0.51	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
4-Nitrophenol	<1.0		1.0	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Acenaphthene	0.083		0.051	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Acenaphthylene	0.0096	J	0.051	0.0088	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Anthracene	0.28		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Benzo[a]anthracene	1.1		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Benzo[a]pyrene	1.2		0.051	0.050	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Benzo[b]fluoranthene	1.5		0.051	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Benzo[g,h,i]perylene	0.63		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Benzo[k]fluoranthene	0.48		0.051	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Bis(2-chloroethoxy)methane	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Bis(2-chloroethyl)ether	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Bis(2-ethylhexyl) phthalate	<0.26	*	0.26	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Butyl benzyl phthalate	<0.26		0.26	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Carbazole	0.058	J	0.26	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Chrysene	0.99		0.051	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Dibenz(a,h)anthracene	0.19		0.051	0.051	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Dibenzofuran	0.039	J	0.26	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Diethyl phthalate	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Dimethyl phthalate	<0.26		0.26	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Di-n-butyl phthalate	0.18	J *	0.26	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Di-n-octyl phthalate	<0.51		0.51	0.36	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Fluoranthene	2.2		0.051	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Fluorene	0.11		0.051	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Hexachlorobenzene	<0.10		0.10	0.0099	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Hexachlorobutadiene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Hexachlorocyclopentadiene	<1.0		1.0	0.55	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1
Hexachloroethane	<0.26		0.26	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 11:57	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(0-5)-103124

Lab Sample ID: 500-259381-1

Date Collected: 10/31/24 08:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	0.79		0.051	0.050	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Isophorone	<0.26		0.26	0.027	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Naphthalene	0.017	J	0.051	0.0093	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Nitrobenzene	<0.051		0.051	0.016	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.010	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
N-Nitrosodiphenylamine	<0.26		0.26	0.031	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Pentachlorophenol	<1.0		1.0	0.13	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Phenanthrene	1.2		0.051	0.011	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Phenol	<0.26		0.26	0.022	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1
Pyrene	2.2		0.051	0.014	mg/Kg	✱	11/04/24 15:03	11/05/24 11:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	11/04/24 15:03	11/05/24 11:57	1
2-Fluorobiphenyl (Surr)	76		43 - 145	11/04/24 15:03	11/05/24 11:57	1
2-Fluorophenol (Surr)	86		31 - 166	11/04/24 15:03	11/05/24 11:57	1
Nitrobenzene-d5 (Surr)	70		37 - 147	11/04/24 15:03	11/05/24 11:57	1
Phenol-d5 (Surr)	77		30 - 153	11/04/24 15:03	11/05/24 11:57	1
Terphenyl-d14 (Surr)	98		42 - 157	11/04/24 15:03	11/05/24 11:57	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		9.7	4.0	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Antimony	0.29	J F1	0.97	0.19	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Arsenic	2.4		0.48	0.17	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Barium	15		0.48	0.055	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Beryllium	0.22		0.19	0.045	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Cadmium	0.077	J	0.097	0.017	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Calcium	19000	B	9.7	1.6	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Chromium	4.3		0.48	0.24	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Cobalt	3.1		0.24	0.063	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Copper	4.4		0.48	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Iron	5100		9.7	5.0	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Lead	7.7	F1 F2	0.24	0.11	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Magnesium	8100		4.8	2.4	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Manganese	120		0.48	0.070	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Nickel	5.4		0.48	0.14	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Potassium	500	F1	24	8.6	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Selenium	<0.48		0.48	0.28	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Silver	<0.24		0.24	0.062	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Sodium	110		48	7.2	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Thallium	0.68		0.48	0.24	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Vanadium	6.0		0.24	0.057	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	1
Zinc	24		0.97	0.43	mg/Kg	✱	11/07/24 09:57	11/08/24 12:34	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		11/08/24 08:48	11/08/24 22:02	1
Barium	0.19	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:02	1
Cadmium	0.0027	J	0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:02	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(0-5)-103124

Lab Sample ID: 500-259381-1

Date Collected: 10/31/24 08:55

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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		11/08/24 08:48	11/08/24 22:02	1
Cobalt	0.020	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:02	1
Copper	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:02	1
Iron	1.9		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:02	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:02	1
Manganese	1.6		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:02	1
Nickel	0.016	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:02	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:02	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:02	1
Zinc	0.089	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:02	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		11/08/24 08:51	11/08/24 18:42	1
Barium	0.30	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 18:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 18:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 18:42	1
Chromium	0.098		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Cobalt	0.046		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Copper	0.11		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Iron	75		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 18:42	1
Lead	0.29	F1	0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 18:42	1
Manganese	1.0	F1	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Nickel	0.10		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 18:42	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:42	1
Zinc	0.52		0.50	0.020	mg/L		11/08/24 08:51	11/08/24 18:42	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		11/08/24 10:40	11/12/24 15:53	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		11/08/24 10:40	11/12/24 17:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.027		0.016	0.0065	mg/Kg	☼	11/08/24 16:25	11/13/24 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			11/01/24 13:31	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(5-10)-103124

Lab Sample ID: 500-259381-2

Date Collected: 10/31/24 09:00

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.3

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	0.0074	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Benzene	<0.0018		0.0018	0.00056	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Bromodichloromethane	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Carbon disulfide	<0.0044		0.0044	0.00081	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Chlorobenzene	<0.0018		0.0018	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Chloroethane	<0.0044		0.0044	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Chloromethane	<0.0044		0.0044	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00071	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Dibromochloromethane	<0.0018		0.0018	0.00082	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,1-Dichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,1-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Ethylbenzene	<0.0018		0.0018	0.00093	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
methyl isobutyl ketone	<0.0044		0.0044	0.0031	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Styrene	<0.0018		0.0018	0.00080	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00088	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Tetrachloroethene	<0.0018		0.0018	0.00099	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00067	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00085	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Vinyl chloride	<0.0018		0.0018	0.00072	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1
Xylenes, Total	<0.0035		0.0035	0.00061	mg/Kg	☆	11/01/24 09:18	11/04/24 14:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	11/01/24 09:18	11/04/24 14:40	1
Dibromofluoromethane (Surr)	105		75 - 126	11/01/24 09:18	11/04/24 14:40	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	11/01/24 09:18	11/04/24 14:40	1
Toluene-d8 (Surr)	104		75 - 124	11/01/24 09:18	11/04/24 14:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.25		0.25	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
1,2-Dichlorobenzene	<0.25		0.25	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
1,3-Dichlorobenzene	<0.25		0.25	0.022	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
1,4-Dichlorobenzene	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,2'-oxybis[1-chloropropane]	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(5-10)-103124

Lab Sample ID: 500-259381-2

Date Collected: 10/31/24 09:00

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.49		0.49	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,4,6-Trichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,4-Dichlorophenol	<0.49		0.49	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,4-Dimethylphenol	<0.49		0.49	0.11	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,4-Dinitrophenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,4-Dinitrotoluene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2,6-Dinitrotoluene	<0.25		0.25	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Chloronaphthalene	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Chlorophenol	<0.25		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Methylnaphthalene	<0.10		0.10	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Methylphenol	<0.25		0.25	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Nitroaniline	<0.25		0.25	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
2-Nitrophenol	<0.49		0.49	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
3 & 4 Methylphenol	<0.25		0.25	0.036	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
3,3'-Dichlorobenzidine	<0.25		0.25	0.041	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
3-Nitroaniline	<0.49		0.49	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.28	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Bromophenyl phenyl ether	<0.25		0.25	0.034	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Chloro-3-methylphenol	<0.49		0.49	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Chloroaniline	<1.0		1.0	0.52	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Chlorophenyl phenyl ether	<0.25		0.25	0.065	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Nitroaniline	<0.49		0.49	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
4-Nitrophenol	<1.0		1.0	0.18	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Acenaphthene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Acenaphthylene	<0.049		0.049	0.0084	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Anthracene	<0.049		0.049	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Benzo[a]anthracene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Benzo[a]pyrene	<0.049		0.049	0.048	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Benzo[b]fluoranthene	<0.049		0.049	0.047	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Benzo[g,h,i]perylene	<0.049		0.049	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Benzo[k]fluoranthene	<0.049		0.049	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Bis(2-chloroethoxy)methane	<0.25		0.25	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Bis(2-chloroethyl)ether	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Bis(2-ethylhexyl) phthalate	<0.25 *		0.25	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Butyl benzyl phthalate	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Carbazole	<0.25		0.25	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Chrysene	<0.049		0.049	0.013	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Dibenz(a,h)anthracene	<0.049		0.049	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Dibenzofuran	<0.25		0.25	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Diethyl phthalate	<0.25		0.25	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Dimethyl phthalate	<0.25		0.25	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Di-n-butyl phthalate	<0.25 *		0.25	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Di-n-octyl phthalate	<0.49		0.49	0.35	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Fluoranthene	<0.049		0.049	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Fluorene	<0.049		0.049	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Hexachlorobenzene	<0.10		0.10	0.0095	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Hexachlorobutadiene	<0.25		0.25	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Hexachlorocyclopentadiene	<1.0		1.0	0.53	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1
Hexachloroethane	<0.25		0.25	0.025	mg/Kg	☆	11/04/24 15:03	11/05/24 12:23	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(5-10)-103124

Lab Sample ID: 500-259381-2

Date Collected: 10/31/24 09:00

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.3

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	<0.049		0.049	0.048	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Isophorone	<0.25		0.25	0.026	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Naphthalene	<0.049		0.049	0.0090	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Nitrobenzene	<0.049		0.049	0.016	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.0098	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
N-Nitrosodiphenylamine	<0.25		0.25	0.029	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Pentachlorophenol	<1.0		1.0	0.12	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Phenanthrene	<0.049		0.049	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Phenol	<0.25		0.25	0.022	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1
Pyrene	<0.049		0.049	0.014	mg/Kg	✧	11/04/24 15:03	11/05/24 12:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	64		31 - 143	11/04/24 15:03	11/05/24 12:23	1
2-Fluorobiphenyl (Surr)	79		43 - 145	11/04/24 15:03	11/05/24 12:23	1
2-Fluorophenol (Surr)	100		31 - 166	11/04/24 15:03	11/05/24 12:23	1
Nitrobenzene-d5 (Surr)	83		37 - 147	11/04/24 15:03	11/05/24 12:23	1
Phenol-d5 (Surr)	84		30 - 153	11/04/24 15:03	11/05/24 12:23	1
Terphenyl-d14 (Surr)	99		42 - 157	11/04/24 15:03	11/05/24 12:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		10	4.1	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Antimony	<1.0		1.0	0.20	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Arsenic	2.5		0.51	0.17	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Barium	6.5		0.51	0.058	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Beryllium	0.10	J	0.20	0.047	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Cadmium	<0.10		0.10	0.018	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Calcium	350	B	10	1.7	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Chromium	2.8		0.51	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Cobalt	2.1		0.25	0.066	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Copper	0.87		0.51	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Iron	3400		10	5.3	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Lead	2.3		0.25	0.12	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Magnesium	450		5.1	2.5	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Manganese	18		0.51	0.074	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Nickel	2.8		0.51	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Potassium	180		25	9.0	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Selenium	<0.51		0.51	0.30	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Silver	<0.25		0.25	0.065	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Sodium	65		51	7.5	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Thallium	<0.51		0.51	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Vanadium	4.6		0.25	0.060	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	1
Zinc	7.5		1.0	0.45	mg/Kg	✧	11/07/24 09:57	11/08/24 12:57	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		11/08/24 08:48	11/08/24 22:20	1
Barium	0.096	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:20	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:20	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:20	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(5-10)-103124

Lab Sample ID: 500-259381-2

Date Collected: 10/31/24 09:00

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.014	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Copper	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Iron	11		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:20	1
Lead	<0.0075		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:20	1
Manganese	0.079		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Nickel	0.012	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:20	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:20	1
Zinc	0.030	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:20	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		11/08/24 08:51	11/08/24 18:59	1
Barium	0.056	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 18:59	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 18:59	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 18:59	1
Chromium	0.018	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Copper	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Iron	14		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 18:59	1
Lead	0.0082		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 18:59	1
Manganese	0.069		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Nickel	0.013	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 18:59	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 18:59	1
Zinc	0.035	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 18:59	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		11/08/24 10:40	11/12/24 16:48	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		11/08/24 10:40	11/12/24 17:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016		0.016	0.0065	mg/Kg	☼	11/08/24 16:25	11/13/24 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			11/01/24 13:36	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(10-15)-103124

Lab Sample ID: 500-259381-3

Date Collected: 10/31/24 09:05

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	0.0078	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Carbon disulfide	<0.0047		0.0047	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Carbon tetrachloride	<0.0019		0.0019	0.00063	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Chlorobenzene	<0.0019		0.0019	0.00079	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Chloromethane	<0.0047		0.0047	0.00090	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Dibromochloromethane	<0.0019		0.0019	0.00086	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,1-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00089	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
2-Hexanone	<0.0047		0.0047	0.0028	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0020	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
methyl isobutyl ketone	<0.0047		0.0047	0.0033	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00092	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Toluene	<0.0019		0.0019	0.00037	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00089	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00075	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Vinyl chloride	<0.0019		0.0019	0.00076	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	☆	11/01/24 09:18	11/04/24 15:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	11/01/24 09:18	11/04/24 15:05	1
Dibromofluoromethane (Surr)	107		75 - 126	11/01/24 09:18	11/04/24 15:05	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	11/01/24 09:18	11/04/24 15:05	1
Toluene-d8 (Surr)	104		75 - 124	11/01/24 09:18	11/04/24 15:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
1,2-Dichlorobenzene	<0.26		0.26	0.021	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
1,3-Dichlorobenzene	<0.26		0.26	0.023	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
1,4-Dichlorobenzene	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,2'-oxybis[1-chloropropane]	<0.26		0.26	0.037	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(10-15)-103124

Lab Sample ID: 500-259381-3

Date Collected: 10/31/24 09:05

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.51		0.51	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,4,6-Trichlorophenol	<0.51		0.51	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,4-Dichlorophenol	<0.51		0.51	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,4-Dimethylphenol	<0.51		0.51	0.12	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,4-Dinitrophenol	<1.0		1.0	0.30	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,4-Dinitrotoluene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2,6-Dinitrotoluene	<0.26		0.26	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Chloronaphthalene	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Chlorophenol	<0.26		0.26	0.017	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Methylnaphthalene	<0.10		0.10	0.010	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Methylphenol	<0.26		0.26	0.027	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Nitroaniline	<0.26		0.26	0.028	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
2-Nitrophenol	<0.51		0.51	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
3 & 4 Methylphenol	<0.26		0.26	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
3,3'-Dichlorobenzidine	<0.26		0.26	0.042	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
3-Nitroaniline	<0.51		0.51	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4,6-Dinitro-2-methylphenol	<1.0		1.0	0.29	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Bromophenyl phenyl ether	<0.26		0.26	0.035	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Chloro-3-methylphenol	<0.51		0.51	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Chloroaniline	<1.0		1.0	0.54	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Chlorophenyl phenyl ether	<0.26		0.26	0.068	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Nitroaniline	<0.51		0.51	0.038	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
4-Nitrophenol	<1.0		1.0	0.19	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Acenaphthene	<0.051		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Acenaphthylene	<0.051		0.051	0.0088	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Anthracene	<0.051		0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Benzo[a]anthracene	0.034	J	0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Benzo[a]pyrene	<0.051		0.051	0.050	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Benzo[b]fluoranthene	<0.051		0.051	0.049	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Benzo[g,h,i]perylene	0.024	J	0.051	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Benzo[k]fluoranthene	<0.051		0.051	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Bis(2-chloroethoxy)methane	<0.26		0.26	0.019	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Bis(2-chloroethyl)ether	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Bis(2-ethylhexyl) phthalate	<0.26	*	0.26	0.20	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Butyl benzyl phthalate	<0.26		0.26	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Carbazole	<0.26		0.26	0.020	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Chrysene	0.016	J	0.051	0.014	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Dibenz(a,h)anthracene	<0.051		0.051	0.051	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Dibenzofuran	<0.26		0.26	0.018	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Diethyl phthalate	<0.26		0.26	0.024	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Dimethyl phthalate	<0.26		0.26	0.011	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Di-n-butyl phthalate	<0.26	*	0.26	0.016	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Di-n-octyl phthalate	<0.51		0.51	0.36	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Fluoranthene	0.031	J	0.051	0.012	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Fluorene	<0.051		0.051	0.015	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Hexachlorobenzene	<0.10		0.10	0.0099	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Hexachlorobutadiene	<0.26		0.26	0.029	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Hexachlorocyclopentadiene	<1.0		1.0	0.55	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1
Hexachloroethane	<0.26		0.26	0.026	mg/Kg	☆	11/04/24 15:03	11/05/24 12:48	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(10-15)-103124

Lab Sample ID: 500-259381-3

Date Collected: 10/31/24 09:05

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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	<0.051		0.051	0.050	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Isophorone	<0.26		0.26	0.027	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Naphthalene	<0.051		0.051	0.0093	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Nitrobenzene	<0.051		0.051	0.016	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
N-Nitrosodi-n-propylamine	<0.10		0.10	0.010	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
N-Nitrosodiphenylamine	<0.26		0.26	0.031	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Pentachlorophenol	<1.0		1.0	0.13	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Phenanthrene	0.040	J	0.051	0.011	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Phenol	<0.26		0.26	0.022	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1
Pyrene	0.028	J	0.051	0.014	mg/Kg	✧	11/04/24 15:03	11/05/24 12:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	11/04/24 15:03	11/05/24 12:48	1
2-Fluorobiphenyl (Surr)	72		43 - 145	11/04/24 15:03	11/05/24 12:48	1
2-Fluorophenol (Surr)	83		31 - 166	11/04/24 15:03	11/05/24 12:48	1
Nitrobenzene-d5 (Surr)	68		37 - 147	11/04/24 15:03	11/05/24 12:48	1
Phenol-d5 (Surr)	74		30 - 153	11/04/24 15:03	11/05/24 12:48	1
Terphenyl-d14 (Surr)	99		42 - 157	11/04/24 15:03	11/05/24 12:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1800		10	4.1	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Antimony	0.42	J	1.0	0.19	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Arsenic	3.1		0.50	0.17	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Barium	6.3		0.50	0.057	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Beryllium	0.15	J	0.20	0.047	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Cadmium	<0.10		0.10	0.018	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Calcium	450	B	10	1.7	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Chromium	95		0.50	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Cobalt	3.3		0.25	0.066	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Copper	3.6		0.50	0.14	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Iron	5100		10	5.2	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Lead	4.1		0.25	0.12	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Magnesium	650		5.0	2.5	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Manganese	35		0.50	0.073	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Nickel	18		0.50	0.15	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Potassium	350		25	8.9	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Selenium	<0.50		0.50	0.29	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Silver	<0.25		0.25	0.065	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Sodium	130		50	7.4	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Thallium	<0.50		0.50	0.25	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Vanadium	6.1		0.25	0.059	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	1
Zinc	14		1.0	0.44	mg/Kg	✧	11/07/24 09:57	11/08/24 13:01	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		11/08/24 08:48	11/08/24 22:25	1
Barium	0.085	J	0.50	0.050	mg/L		11/08/24 08:48	11/08/24 22:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:48	11/08/24 22:25	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:48	11/08/24 22:25	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Client Sample ID: R18-3(10-15)-103124

Lab Sample ID: 500-259381-3

Date Collected: 10/31/24 09:05

Matrix: Solid

Date Received: 10/31/24 12:12

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.027		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Cobalt	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Copper	0.018	J	0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Iron	23		0.40	0.20	mg/L		11/08/24 08:48	11/08/24 22:25	1
Lead	0.025		0.0075	0.0075	mg/L		11/08/24 08:48	11/08/24 22:25	1
Manganese	0.23		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Nickel	0.027		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:48	11/08/24 22:25	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:48	11/08/24 22:25	1
Zinc	0.084	J	0.50	0.020	mg/L		11/08/24 08:48	11/08/24 22:25	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		11/08/24 08:51	11/08/24 19:12	1
Barium	0.070	J	0.50	0.050	mg/L		11/08/24 08:51	11/08/24 19:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		11/08/24 08:51	11/08/24 19:12	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		11/08/24 08:51	11/08/24 19:12	1
Chromium	0.031		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Cobalt	0.019	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Copper	0.017	J	0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Iron	26		0.40	0.20	mg/L		11/08/24 08:51	11/08/24 19:12	1
Lead	0.030		0.0075	0.0075	mg/L		11/08/24 08:51	11/08/24 19:12	1
Manganese	0.27		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Nickel	0.026		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Selenium	<0.050		0.050	0.020	mg/L		11/08/24 08:51	11/08/24 19:12	1
Silver	<0.025		0.025	0.010	mg/L		11/08/24 08:51	11/08/24 19:12	1
Zinc	0.075	J	0.50	0.020	mg/L		11/08/24 08:51	11/08/24 19:12	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		11/08/24 10:40	11/12/24 16:50	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		11/08/24 10:40	11/12/24 17:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.016	0.0066	mg/Kg	☼	11/08/24 16:25	11/13/24 10:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			11/01/24 13:38	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 007 FAI 94 Dolton

Job ID: 500-259381-1

Qualifiers

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
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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.
☼	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 007 FAI 94 Dolton

Job ID: 500-259381-1

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	05-31-25
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
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 734096



Address _____

Client Contact		Project Manager: A. Slesers		Site Contact: C. Davids		Date: 10/31/24		COC No: 734096	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of 1 COCs	
Address: 300 Knightsbridge Pkwy		Analysis Turnaround Time							
City/State/Zip: Lincolnshire, IL 60069		<input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS							
Phone: 312-540-2518		TAT if different from Below _____							
Fax:		<input type="checkbox"/> 2 weeks							
Project Name: 007 DOLTON		<input type="checkbox"/> 1 week							
Site: DOLTON, IL		<input type="checkbox"/> 2 days							
P.O.#:		<input type="checkbox"/> 1 day							
Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input type="checkbox"/> RCRA <input type="checkbox"/> Other		500-259381 COC							
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
R18-3(0-5)-103124		10/31/24	0855	G	S	6			INCLUDE ZLPLSPLD Mn+Fe
R18-3(5-10)-103124			0900						
R18-3(10-15)-103124			0905						
R16-5(0-4)-103124			0925						
R16-5(4-9)-103124			0930						
R16-1(0-4)-103124			1025						
R16-1(4-9)-103124			1030						
R16-2(0-2)-103124			1035						
R16-3(0-2)-103124			1040						
R16-3(0-2)-103124			1040						
R16-4(0-3)-103124			1050						
R16-4(3-6)-103124			1055						
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: 6/175.4									
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 10/31/24, 10:09		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received by _____		Company _____	
Relinquished by _____		Company _____		Date/Time _____		Received in Laboratory by _____		Company FEITA	
								Date/Time 10/31/24 12 12	