



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

I-80 ROW - at and w/o Chicago Street (ISGS Site No. 2233V3-1)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: _____ 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.): 3,143

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 ROW-1, ROW-7, ROW-8, ROW-42, ROW-43, SB-23, and SB-25 were sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB IDs: 500-256517-1, 500-256724-1, 500-257997-1, AND 500-269639-1. ALSO SEE FIGURE 4-27 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

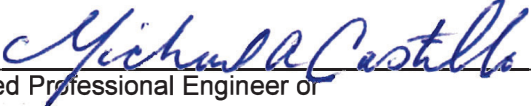
IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

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:

27 August 2025

Date:



Summary Table - I-80 ROW (ISGS Site No. 2233V3-1)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	ROW-1	ROW-7	ROW-7	ROW-7	ROW-8	ROW-42	ROW-43	SB-23	SB-23	SB-23	SB-25	SB-25	SB-25
Field Sample ID		ROW-1(0-6)-100524	ROW-7(0-5)-091124	ROW-7(5-10)-091124	ROW-7(5-10)-091124D	ROW-8(0-3)-091124	ROW-42(0-2)-091224	ROW-43(0-2)-091224	SB-23(0-5)-06092025	SB-23(5-10)-06092025	SB-23(10-15)-06092025	SB-25(0-5)-06092025	SB-25(5-10)-06092025	SB-25(10-15)-06092025
Sample Date		10/5/2024	9/11/2024	9/11/2024	9/11/2024	9/11/2024	9/12/2024	9/12/2024	6/9/2025	6/9/2025	6/9/2025	6/9/2025	6/9/2025	6/9/2025
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
Laboratory pH	<6.25, >9.0	7.4	7.6	7.3	7.4	7.4	8.7	8.7	8.4	7.7	7.9	7.9	7.6	7.5
VOCs		No Exceedances												
SVOCs		No Exceedances												
Total Metals (mg/kg)														
Aluminum, Total	--- / ---	15000	6000	5300	5900	5400	7600	7300	14000	14000	11000	13000	13000	14000
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	9.2 J	11	9	7.6	5.9	7	7.8	8.1	8.1	8.3	8.4	5.8	7.3
Barium, Total	1500	83 J	33	25	25	61	39	39	79	56	50	61	64	71
Beryllium, Total	22	1 J	0.31	0.26	0.26	0.3	0.72 J	0.65 J	0.76	0.78	0.65	0.79	0.73	0.73
Cadmium, Total	5.2	0.079 J	0.19	0.083 J	0.12	0.24	0.13	0.2	0.088 J	0.098 J	0.13	0.14	0.13	0.13
Calcium, Total	--- / ---	20000 J	78000 B	80000 B	68000 B	100000 B	63000 B	70000 B	44000 B	55000 B	64000 B	60000 B	52000 B	30000 B
Chromium, Total	21	22	10	9.3	10	9.4	13	13	21	21	18	19	20	21
Cobalt, Total	20	16	11	8.8	9.9	6.9	12	14	16	13	12	16	12	12
Copper, Total	2900	23 J	25	17	19	17	19	19	21	21	19	20	18	19
Iron, Total	15000 / 15900	25000	16000	13000	13000	15000	21000	14000	19000	21000	18000	20000	17000	19000
Lead, Total	107	17 J	53	9.8	10	32	12	14	16	16	13	16	17	13
Magnesium, Total	325000	9900 J	33000 B	31000 B	26000 B	62000 B^2	30000 B	38000 B	17000	20000	25000	20000	20000	15000
Manganese, Total	630 / 636	330	430	310	340	370	420	560	410	330	330	490	350	330
Mercury, Total	0.89	0.037	0.051	0.015 J	0.017	0.036	0.031	0.03	0.02	0.021	0.026	0.018	0.021	0.024
Nickel, Total	100	45	26	22	24	17	28	30	39	37	30	40	31	34
Potassium, Total	--- / ---	2700 J	1600	1600	1600	1300	2400	2000	3500	3400	2900	3300	3200	3100
Selenium, Total	1.3	0.63 J	0.37 J	ND	ND	ND	0.5 J	ND	ND	ND	ND	ND	0.39 J	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	--- / ---	2100 J	280	320	330	850	1900	1600	1100	200	140	1300	200	110
Thallium, Total	2.6	0.46 J	2.5	1.8	2	2	0.38 J	0.51 J	0.34 J	0.32 J	0.45 J	0.42 J	0.43 J	0.37 J
Vanadium, Total	550	27	14	13	14	13	17	17	27	27	24	26	27	28
Zinc, Total	5100	85 J	84	58	60	89	60 J	71 J	67	71	65	72	63	69
TCLP Metals (mg/l)														
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	0.0048 J	0.0058 J	0.0048 J	ND	ND	0.0047 J
Barium, TCLP	2	0.81	0.24 J	0.32 J	0.34 J	0.45 J	0.62	0.71	0.72 B	0.81 B	1.1 B	0.33 B	0.43 B	0.77 B
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0047 J	0.0023 J	ND	ND	0.0021 J	0.0026 J	0.0022 J	0.004	0.0052	0.0045	0.0011 J	0.0013 J	0.0033
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	0.0028 JB	0.0018 JB	0.0026 JB	ND	ND	ND
Cobalt, TCLP	1	0.17	ND	0.034	0.048	ND	0.014 J	0.01 J	0.019	0.044	0.038	0.0014 J	0.0057	0.021
Copper, TCLP	0.65	ND	ND	ND	ND	ND	ND	0.011 J	0.0019 J	0.0032 J	0.012	ND	ND	0.0029 J
Iron, TCLP	5	2.3	0.43	ND	0.6	0.93	1.3 J	6.7 B	0.26 J	0.12 J	0.25 J	0.45	0.18 J	0.28 J
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	0.004 J	0.0051 J	0.015	ND	ND	0.0048 J
Manganese, TCLP	0.15	10	1.8	5	4.8	1.3	6.1 ^2	5 ^2	3.1	7.8	7.1	0.95	4.2	10
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	0.12	0.021 J	0.053	0.072	ND	0.027	0.033	0.032	0.055	0.042	ND	0.0061 J	0.018
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	0.0063 J	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.029 J	ND	0.02 J	0.038 J	0.038 J	0.022 J	0.029 J	0.0061 J	0.0082 J	0.019 J	ND	ND	0.0066 J

Summary Table - I-80 ROW (ISGS Site No. 2233V3-1)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
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Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	ROW-1	ROW-7	ROW-7	ROW-7	ROW-8	ROW-42	ROW-43	SB-23	SB-23	SB-23	SB-25	SB-25	SB-25
Field Sample ID		ROW-1(0-6)-100524	ROW-7(0-5)-091124	ROW-7(5-10)-091124	ROW-7(5-10)-091124D	ROW-8(0-3)-091124	ROW-42(0-2)-091224	ROW-43(0-2)-091224	SB-23(0-5)-06092025	SB-23(5-10)-06092025	SB-23(10-15)-06092025	SB-25(0-5)-06092025	SB-25(5-10)-06092025	SB-25(10-15)-06092025
Sample Date		10/5/2024	9/11/2024	9/11/2024	9/11/2024	9/11/2024	9/12/2024	9/12/2024	6/9/2025	6/9/2025	6/9/2025	6/9/2025	6/9/2025	6/9/2025
ISGS Site No.		2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1	2233V3-1
SPLP Metals (mg/l)														
Arsenic, SPLP	0.05	0.13	ND	ND	ND	0.028 J	0.058	0.13	0.11	ND	0.0068 J	0.097	0.012	ND
Barium, SPLP	2	0.95	0.083 J	ND	ND	0.23 J	0.42 J	0.84	0.7	0.045	0.12	0.56	0.15	0.076
Beryllium, SPLP	0.004	0.013	ND	ND	ND	ND	0.0069	0.011	0.003 J	ND	ND	0.0026 J	ND	ND
Cadmium, SPLP	0.005	ND	ND	ND	ND	ND	ND	ND	0.0006 J	ND	ND	ND	ND	ND
Chromium, SPLP	0.1	0.29	0.021 J	ND	ND	0.059	0.13	0.23	0.21	0.012	0.03	0.17	0.044	0.018
Cobalt, SPLP	1	0.15	ND	ND	ND	0.02 J	0.07	0.13	0.086	0.0036 J	0.011	0.067	0.018	0.0063
Copper, SPLP	0.65	0.38	0.018 J	ND	ND	0.068	0.14	0.31	0.29	0.011	0.025	0.23	0.045	0.015
Iron, SPLP	5	340	16	ND	0.44	59	130	260	240	11	26	210	43	16
Lead, SPLP	0.0075	0.18	0.024	ND	ND	0.1	0.094	0.19	0.12	0.0045 J	0.014	0.095	0.026	0.0081
Manganese, SPLP	0.15	2.9	0.084	0.11	0.084	0.47	1.4	3.7	1.3	0.11	0.34	1.5	0.54	0.19
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.46	0.021 J	ND	ND	0.076	0.16	0.31	0.31	0.011	0.031	0.25	0.051	0.018
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.85	0.062 J	ND	ND	0.25 J	0.35 J	0.73 J	0.57	0.017 J	0.045 J	0.46 J	0.076 J	0.026 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background values for MSA counties, as applicable.
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
Yellow 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 004 I80/RampB/Gardner St Bridge

JOB NUMBER

500-256517-1

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 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-8(0-3)-091124

Lab Sample ID: 500-256517-16

Date Collected: 09/11/24 14:45

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 92.6

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	☆	09/12/24 18:44	09/17/24 14:18	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Carbon disulfide	<0.0047		0.0047	0.00086	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Chlorobenzene	<0.0019		0.0019	0.00079	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Chloromethane	<0.0047		0.0047	0.00091	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Dibromochloromethane	<0.0019		0.0019	0.00087	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,1-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00090	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
2-Hexanone	<0.0047		0.0047	0.0028	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
methyl isobutyl ketone	<0.0047		0.0047	0.0033	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,1,2,2-Tetrachloroethane	<0.0019	*3	0.0019	0.00093	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00071	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00090	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00076	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Vinyl chloride	<0.0019		0.0019	0.00076	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	☆	09/12/24 18:44	09/17/24 14:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112	*3	75 - 131	09/12/24 18:44	09/17/24 14:18	1
Dibromofluoromethane (Surr)	104		75 - 126	09/12/24 18:44	09/17/24 14:18	1
1,2-Dichloroethane-d4 (Surr)	120		70 - 134	09/12/24 18:44	09/17/24 14:18	1
Toluene-d8 (Surr)	102		75 - 124	09/12/24 18:44	09/17/24 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		0.34	0.048	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
1,2-Dichlorobenzene	<0.34		0.34	0.027	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
1,3-Dichlorobenzene	<0.34		0.34	0.030	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
1,4-Dichlorobenzene	<0.34		0.34	0.032	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,2'-oxybis[1-chloropropane]	<0.34		0.34	0.048	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-8(0-3)-091124

Lab Sample ID: 500-256517-16

Date Collected: 09/11/24 14:45

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.67		0.67	0.025	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,4,6-Trichlorophenol	<0.67		0.67	0.023	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,4-Dichlorophenol	<0.67		0.67	0.024	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,4-Dimethylphenol	<0.67		0.67	0.15	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,4-Dinitrophenol	<1.4		1.4	0.39	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,4-Dinitrotoluene	<0.34		0.34	0.038	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2,6-Dinitrotoluene	<0.34		0.34	0.023	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Chloronaphthalene	<0.34		0.34	0.025	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Chlorophenol	<0.34		0.34	0.022	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Methylnaphthalene	<0.14		0.14	0.013	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Methylphenol	<0.34		0.34	0.035	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Nitroaniline	<0.34		0.34	0.036	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
2-Nitrophenol	<0.67		0.67	0.046	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
3 & 4 Methylphenol	<0.34		0.34	0.049	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
3,3'-Dichlorobenzidine	<0.34		0.34	0.055	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
3-Nitroaniline	<0.67		0.67	0.031	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4,6-Dinitro-2-methylphenol	<1.4		1.4	0.38	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Bromophenyl phenyl ether	<0.34		0.34	0.046	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Chloro-3-methylphenol	<0.67		0.67	0.026	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Chloroaniline	<1.4		1.4	0.70	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Chlorophenyl phenyl ether	<0.34		0.34	0.088	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Nitroaniline	<0.67		0.67	0.050	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
4-Nitrophenol	<1.4		1.4	0.25	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Acenaphthene	<0.067		0.067	0.014	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Acenaphthylene	<0.067		0.067	0.011	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Anthracene	<0.067		0.067	0.014	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Benzo[a]anthracene	<0.067		0.067	0.014	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Benzo[a]pyrene	<0.067		0.067	0.065	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Benzo[b]fluoranthene	<0.067		0.067	0.064	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Benzo[g,h,i]perylene	0.088		0.067	0.015	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Benzo[k]fluoranthene	<0.067		0.067	0.026	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Bis(2-chloroethoxy)methane	<0.34		0.34	0.025	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Bis(2-chloroethyl)ether	<0.34		0.34	0.031	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Bis(2-ethylhexyl) phthalate	<0.34		0.34	0.26	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Butyl benzyl phthalate	<0.34		0.34	0.033	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Carbazole	<0.34		0.34	0.027	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Chrysene	0.067		0.067	0.018	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Dibenz(a,h)anthracene	<0.067		0.067	0.067	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Dibenzofuran	<0.34		0.34	0.024	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Diethyl phthalate	<0.34		0.34	0.031	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Dimethyl phthalate	<0.34		0.34	0.015	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Di-n-butyl phthalate	<0.34		0.34	0.021	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Di-n-octyl phthalate	<0.67		0.67	0.47	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Fluoranthene	0.078		0.067	0.016	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Fluorene	<0.067		0.067	0.020	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Hexachlorobenzene	<0.14		0.14	0.013	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Hexachlorobutadiene	<0.34		0.34	0.038	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Hexachlorocyclopentadiene	<1.4		1.4	0.71	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Hexachloroethane	<0.34		0.34	0.034	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-8(0-3)-091124

Lab Sample ID: 500-256517-16

Date Collected: 09/11/24 14:45

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 92.6

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	<0.067		0.067	0.065	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Isophorone	<0.34		0.34	0.035	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Naphthalene	<0.067		0.067	0.012	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Nitrobenzene	<0.067		0.067	0.021	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
N-Nitrosodi-n-propylamine	<0.14		0.14	0.013	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
N-Nitrosodiphenylamine	<0.34		0.34	0.040	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Pentachlorophenol	<1.4		1.4	0.17	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Phenanthrene	0.046	J	0.067	0.015	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Phenol	<0.34		0.34	0.029	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2
Pyrene	0.096		0.067	0.018	mg/Kg	☆	09/19/24 11:22	09/23/24 14:10	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143	09/19/24 11:22	09/23/24 14:10	2
2-Fluorobiphenyl (Surr)	87		43 - 145	09/19/24 11:22	09/23/24 14:10	2
2-Fluorophenol (Surr)	79		31 - 166	09/19/24 11:22	09/23/24 14:10	2
Nitrobenzene-d5 (Surr)	81		37 - 147	09/19/24 11:22	09/23/24 14:10	2
Phenol-d5 (Surr)	85		30 - 153	09/19/24 11:22	09/23/24 14:10	2
Terphenyl-d14 (Surr)	96		42 - 157	09/19/24 11:22	09/23/24 14:10	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5400		10	4.2	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Antimony	<1.0		1.0	0.20	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Arsenic	5.9		0.51	0.18	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Barium	61		2.6	0.29	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Beryllium	0.30		0.21	0.048	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Cadmium	0.24		0.10	0.018	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Calcium	100000	B	51	8.7	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Chromium	9.4		0.51	0.25	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Cobalt	6.9		0.26	0.067	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Copper	17		0.51	0.14	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Iron	15000		51	27	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Lead	32		0.26	0.12	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Magnesium	62000	B ^2	26	13	mg/Kg	☆	09/18/24 18:00	09/23/24 19:11	5
Manganese	370		0.51	0.074	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Nickel	17		0.51	0.15	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Potassium	1300		130	45	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Selenium	<0.51		0.51	0.30	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Silver	<1.3		1.3	0.33	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Sodium	850		260	38	mg/Kg	☆	09/18/24 18:00	09/20/24 15:14	5
Thallium	2.0		0.51	0.26	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Vanadium	13		0.26	0.061	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	1
Zinc	89		1.0	0.45	mg/Kg	☆	09/18/24 18:00	09/20/24 00:14	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		09/23/24 19:49	09/25/24 04:39	1
Barium	0.45	J	0.50	0.050	mg/L		09/23/24 19:49	09/25/24 14:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:49	09/25/24 04:39	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		09/23/24 19:49	09/25/24 14:52	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-8(0-3)-091124

Lab Sample ID: 500-256517-16

Date Collected: 09/11/24 14:45

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 04:39	1
Cobalt	<0.025		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 04:39	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 14:52	1
Iron	0.93		0.40	0.20	mg/L		09/23/24 19:49	09/25/24 14:52	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:49	09/25/24 04:39	1
Manganese	1.3		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 04:39	1
Nickel	<0.025		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 04:39	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:49	09/25/24 14:52	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:49	09/25/24 04:39	1
Zinc	0.038	J ^+	0.50	0.020	mg/L		09/23/24 19:49	09/28/24 07:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.028	J	0.050	0.010	mg/L		09/23/24 19:52	09/25/24 19:07	1
Barium	0.23	J	0.50	0.050	mg/L		09/23/24 19:52	09/25/24 19:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:52	09/28/24 00:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:52	09/25/24 19:07	1
Chromium	0.059		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:08	1
Cobalt	0.020	J	0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:07	1
Copper	0.068		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:07	1
Iron	59		0.40	0.20	mg/L		09/23/24 19:52	09/25/24 19:07	1
Lead	0.10		0.0075	0.0075	mg/L		09/23/24 19:52	09/28/24 00:08	1
Manganese	0.47		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:08	1
Nickel	0.076		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:08	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:52	09/25/24 19:07	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:08	1
Zinc	0.25	J	0.50	0.020	mg/L		09/23/24 19:52	09/28/24 00:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 12:24	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 11:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.036		0.016	0.0068	mg/Kg	☼	09/25/24 17:15	09/26/24 08:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			09/18/24 14:54	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(0-5)-091124

Lab Sample ID: 500-256517-17

Date Collected: 09/11/24 14:25

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
methyl isobutyl ketone	<0.0038		0.0038	0.0027	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00076	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1
Xylenes, Total	<0.0031		0.0031	0.00052	mg/Kg	☆	09/12/24 18:44	09/17/24 14:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	09/12/24 18:44	09/17/24 14:42	1
Dibromofluoromethane (Surr)	106		75 - 126	09/12/24 18:44	09/17/24 14:42	1
1,2-Dichloroethane-d4 (Surr)	116		70 - 134	09/12/24 18:44	09/17/24 14:42	1
Toluene-d8 (Surr)	103		75 - 124	09/12/24 18:44	09/17/24 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(0-5)-091124

Lab Sample ID: 500-256517-17

Date Collected: 09/11/24 14:25

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,4-Dimethylphenol	<0.36		0.36	0.080	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Methylnaphthalene	0.023	J	0.072	0.0072	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Chloroaniline	<0.72		0.72	0.38	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Nitroaniline	<0.36		0.36	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
4-Nitrophenol	<0.72		0.72	0.13	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Acenaphthene	0.011	J	0.036	0.0073	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Acenaphthylene	0.013	J	0.036	0.0061	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Anthracene	0.030	J	0.036	0.0073	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Benzo[a]anthracene	0.15		0.036	0.0076	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Benzo[a]pyrene	0.15		0.036	0.035	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Benzo[b]fluoranthene	0.17		0.036	0.034	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Benzo[g,h,i]perylene	0.083		0.036	0.0078	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Benzo[k]fluoranthene	0.14		0.036	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Chrysene	0.18		0.036	0.0094	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Fluoranthene	0.27		0.036	0.0083	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Fluorene	0.011	J	0.036	0.011	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Hexachlorobenzene	<0.072		0.072	0.0069	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(0-5)-091124

Lab Sample ID: 500-256517-17

Date Collected: 09/11/24 14:25

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.075		0.036	0.035	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Naphthalene	0.014	J	0.036	0.0065	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.0071	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Pentachlorophenol	<0.72		0.72	0.090	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Phenanthrene	0.17		0.036	0.0078	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1
Pyrene	0.24		0.036	0.0098	mg/Kg	☆	09/19/24 11:22	09/20/24 18:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		31 - 143	09/19/24 11:22	09/20/24 18:17	1
2-Fluorobiphenyl (Surr)	84		43 - 145	09/19/24 11:22	09/20/24 18:17	1
2-Fluorophenol (Surr)	72		31 - 166	09/19/24 11:22	09/20/24 18:17	1
Nitrobenzene-d5 (Surr)	86		37 - 147	09/19/24 11:22	09/20/24 18:17	1
Phenol-d5 (Surr)	76		30 - 153	09/19/24 11:22	09/20/24 18:17	1
Terphenyl-d14 (Surr)	80		42 - 157	09/19/24 11:22	09/20/24 18:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6000		11	4.5	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Arsenic	11		0.55	0.19	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Barium	33		0.55	0.063	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Beryllium	0.31		0.22	0.051	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Cadmium	0.19		0.11	0.020	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Calcium	78000	B	55	9.3	mg/Kg	☆	09/18/24 18:00	09/20/24 15:19	5
Chromium	10		0.55	0.27	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Cobalt	11		0.28	0.072	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Copper	25		0.55	0.15	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Iron	16000		11	5.7	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Lead	53		0.28	0.13	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Magnesium	33000	B	5.5	2.7	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Manganese	430		0.55	0.080	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Nickel	26		0.55	0.16	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Potassium	1600		140	49	mg/Kg	☆	09/18/24 18:00	09/20/24 15:19	5
Selenium	0.37	J	0.55	0.32	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Silver	<1.4		1.4	0.36	mg/Kg	☆	09/18/24 18:00	09/20/24 15:19	5
Sodium	280		280	41	mg/Kg	☆	09/18/24 18:00	09/20/24 15:19	5
Thallium	2.5		0.55	0.28	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Vanadium	14		0.28	0.065	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	1
Zinc	84		1.1	0.48	mg/Kg	☆	09/18/24 18:00	09/20/24 00:19	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		09/23/24 19:54	09/25/24 03:04	1
Barium	0.24	J	0.50	0.050	mg/L		09/23/24 19:54	09/25/24 03:04	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:54	09/25/24 03:04	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		09/23/24 19:54	09/25/24 03:04	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(0-5)-091124

Lab Sample ID: 500-256517-17

Date Collected: 09/11/24 14:25

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 88.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:04	1
Cobalt	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:04	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 16:42	1
Iron	0.43		0.40	0.20	mg/L		09/23/24 19:54	09/25/24 03:04	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:54	09/28/24 01:26	1
Manganese	1.8		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:04	1
Nickel	0.021	J	0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:04	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:54	09/25/24 16:42	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:04	1
Zinc	<0.50		0.50	0.020	mg/L		09/23/24 19:54	09/28/24 01:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		09/23/24 19:52	09/25/24 19:12	1
Barium	0.083	J	0.50	0.050	mg/L		09/23/24 19:52	09/25/24 19:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:52	09/28/24 00:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:52	09/25/24 19:12	1
Chromium	0.021	J	0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:13	1
Cobalt	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:12	1
Copper	0.018	J	0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:12	1
Iron	16		0.40	0.20	mg/L		09/23/24 19:52	09/25/24 19:12	1
Lead	0.024		0.0075	0.0075	mg/L		09/23/24 19:52	09/28/24 00:13	1
Manganese	0.084		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:13	1
Nickel	0.021	J	0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:13	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:52	09/25/24 19:12	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:13	1
Zinc	0.062	J	0.50	0.020	mg/L		09/23/24 19:52	09/28/24 00:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 10:22	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 11:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.051		0.017	0.0072	mg/Kg	☼	09/25/24 17:15	09/26/24 08:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			09/18/24 14:56	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124

Lab Sample ID: 500-256517-18

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0065	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Bromodichloromethane	<0.0016		0.0016	0.00050	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Bromoform	<0.0016		0.0016	0.00091	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Carbon disulfide	<0.0039		0.0039	0.00071	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Carbon tetrachloride	<0.0016		0.0016	0.00053	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Chloromethane	<0.0039		0.0039	0.00075	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Dibromochloromethane	<0.0016		0.0016	0.00072	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,1-Dichloroethane	<0.0016		0.0016	0.00058	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,1-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00074	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Ethylbenzene	<0.0016		0.0016	0.00082	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Methyl Ethyl Ketone	<0.0039		0.0039	0.0017	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
methyl isobutyl ketone	<0.0039		0.0039	0.0028	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00050	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Styrene	<0.0016		0.0016	0.00070	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00077	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Tetrachloroethene	<0.0016		0.0016	0.00087	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Toluene	<0.0016		0.0016	0.00031	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00059	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00074	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00058	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Trichloroethene	<0.0016		0.0016	0.00042	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Vinyl chloride	<0.0016		0.0016	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☆	09/12/24 18:44	09/17/24 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111	*3	75 - 131	09/12/24 18:44	09/17/24 15:06	1
Dibromofluoromethane (Surr)	106		75 - 126	09/12/24 18:44	09/17/24 15:06	1
1,2-Dichloroethane-d4 (Surr)	114		70 - 134	09/12/24 18:44	09/17/24 15:06	1
Toluene-d8 (Surr)	109		75 - 124	09/12/24 18:44	09/17/24 15:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124

Lab Sample ID: 500-256517-18

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Methylnaphthalene	<0.074		0.074	0.0073	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
4-Nitrophenol	<0.74		0.74	0.13	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Benzo[a]anthracene	<0.036		0.036	0.0077	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0079	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124

Lab Sample ID: 500-256517-18

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 89.0

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	<0.036		0.036	0.035	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0072	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Pentachlorophenol	<0.74		0.74	0.091	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Phenanthrene	0.0091	J	0.036	0.0079	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1
Pyrene	<0.036		0.036	0.0099	mg/Kg	☆	09/19/24 11:22	09/20/24 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143	09/19/24 11:22	09/20/24 18:42	1
2-Fluorobiphenyl (Surr)	78		43 - 145	09/19/24 11:22	09/20/24 18:42	1
2-Fluorophenol (Surr)	70		31 - 166	09/19/24 11:22	09/20/24 18:42	1
Nitrobenzene-d5 (Surr)	77		37 - 147	09/19/24 11:22	09/20/24 18:42	1
Phenol-d5 (Surr)	72		30 - 153	09/19/24 11:22	09/20/24 18:42	1
Terphenyl-d14 (Surr)	81		42 - 157	09/19/24 11:22	09/20/24 18:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5300		11	4.3	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Arsenic	9.0		0.53	0.18	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Barium	25		0.53	0.060	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Beryllium	0.26		0.21	0.049	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Cadmium	0.083	J	0.11	0.019	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Calcium	80000	B	53	8.9	mg/Kg	☆	09/18/24 18:00	09/20/24 15:23	5
Chromium	9.3		0.53	0.26	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Cobalt	8.8		0.26	0.069	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Copper	17		0.53	0.15	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Iron	13000		11	5.5	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Lead	9.8		0.26	0.12	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Magnesium	31000	B	5.3	2.6	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Manganese	310		0.53	0.076	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Nickel	22		0.53	0.15	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Potassium	1600		130	47	mg/Kg	☆	09/18/24 18:00	09/20/24 15:23	5
Selenium	<0.53		0.53	0.31	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Silver	<1.3		1.3	0.34	mg/Kg	☆	09/18/24 18:00	09/20/24 15:23	5
Sodium	320		260	39	mg/Kg	☆	09/18/24 18:00	09/20/24 15:23	5
Thallium	1.8		0.53	0.26	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Vanadium	13		0.26	0.062	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	1
Zinc	58		1.1	0.46	mg/Kg	☆	09/18/24 18:00	09/20/24 00:23	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		09/23/24 19:54	09/25/24 03:08	1
Barium	0.32	J	0.50	0.050	mg/L		09/23/24 19:54	09/25/24 03:08	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:54	09/25/24 03:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:54	09/25/24 03:08	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124

Lab Sample ID: 500-256517-18

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:08	1
Cobalt	0.034		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:08	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 16:47	1
Iron	<0.40		0.40	0.20	mg/L		09/23/24 19:54	09/25/24 03:08	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:54	09/28/24 01:31	1
Manganese	5.0		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:08	1
Nickel	0.053		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:08	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:54	09/25/24 16:47	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:08	1
Zinc	0.020	J	0.50	0.020	mg/L		09/23/24 19:54	09/28/24 01:31	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		09/23/24 19:52	09/25/24 19:25	1
Barium	<0.50		0.50	0.050	mg/L		09/23/24 19:52	09/25/24 19:25	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:52	09/28/24 00:17	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:52	09/25/24 19:25	1
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:17	1
Cobalt	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:25	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:25	1
Iron	<0.40		0.40	0.20	mg/L		09/23/24 19:52	09/25/24 19:25	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:52	09/28/24 00:17	1
Manganese	0.11		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:17	1
Nickel	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:17	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:52	09/25/24 19:25	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:17	1
Zinc	<0.50		0.50	0.020	mg/L		09/23/24 19:52	09/28/24 00:17	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		09/24/24 12:10	09/25/24 10:24	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 11:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.017	0.0070	mg/Kg	☼	09/25/24 17:15	09/26/24 08:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			09/18/24 14:59	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124D

Lab Sample ID: 500-256517-19

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Chlorobenzene	<0.0015		0.0015	0.00065	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,1-Dichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
methyl isobutyl ketone	<0.0038		0.0038	0.0027	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,1,2,2-Tetrachloroethane	<0.0015	*3	0.0015	0.00076	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Trichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Vinyl chloride	<0.0015		0.0015	0.00063	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1
Xylenes, Total	<0.0031		0.0031	0.00052	mg/Kg	☆	09/12/24 18:44	09/17/24 15:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115	*3	75 - 131	09/12/24 18:44	09/17/24 15:30	1
Dibromofluoromethane (Surr)	109		75 - 126	09/12/24 18:44	09/17/24 15:30	1
1,2-Dichloroethane-d4 (Surr)	115		70 - 134	09/12/24 18:44	09/17/24 15:30	1
Toluene-d8 (Surr)	105		75 - 124	09/12/24 18:44	09/17/24 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	<0.19		0.19	0.027	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124D

Lab Sample ID: 500-256517-19

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Benzo[a]anthracene	0.0099 J		0.038	0.0080	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Benzo[g,h,i]perylene	0.025 J		0.038	0.0082	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Chrysene	0.023 J		0.038	0.010	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Fluoranthene	0.011 J		0.038	0.0088	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124D

Lab Sample ID: 500-256517-19

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 86.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Phenanthrene	0.014	J	0.038	0.0082	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1
Pyrene	0.015	J	0.038	0.010	mg/Kg	☆	09/19/24 11:22	09/20/24 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		31 - 143	09/19/24 11:22	09/20/24 19:08	1
2-Fluorobiphenyl (Surr)	61		43 - 145	09/19/24 11:22	09/20/24 19:08	1
2-Fluorophenol (Surr)	53		31 - 166	09/19/24 11:22	09/20/24 19:08	1
Nitrobenzene-d5 (Surr)	61		37 - 147	09/19/24 11:22	09/20/24 19:08	1
Phenol-d5 (Surr)	56		30 - 153	09/19/24 11:22	09/20/24 19:08	1
Terphenyl-d14 (Surr)	85		42 - 157	09/19/24 11:22	09/20/24 19:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5900		11	4.6	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Antimony	<1.1		1.1	0.22	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Arsenic	7.6		0.57	0.19	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Barium	25		0.57	0.065	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Beryllium	0.26		0.23	0.053	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Cadmium	0.12		0.11	0.020	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Calcium	68000	B	57	9.6	mg/Kg	☆	09/18/24 18:00	09/20/24 15:28	5
Chromium	10		0.57	0.28	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Cobalt	9.9		0.28	0.074	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Copper	19		0.57	0.16	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Iron	13000		11	5.9	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Lead	10		0.28	0.13	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Magnesium	26000	B	5.7	2.8	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Manganese	340		0.57	0.082	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Nickel	24		0.57	0.17	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Potassium	1600		140	50	mg/Kg	☆	09/18/24 18:00	09/20/24 15:28	5
Selenium	<0.57		0.57	0.33	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Silver	<1.4		1.4	0.37	mg/Kg	☆	09/18/24 18:00	09/20/24 15:28	5
Sodium	330		280	42	mg/Kg	☆	09/18/24 18:00	09/20/24 15:28	5
Thallium	2.0		0.57	0.28	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Vanadium	14		0.28	0.067	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	1
Zinc	60		1.1	0.50	mg/Kg	☆	09/18/24 18:00	09/20/24 00:28	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		09/23/24 19:54	09/25/24 03:13	1
Barium	0.34	J	0.50	0.050	mg/L		09/23/24 19:54	09/25/24 03:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:54	09/25/24 03:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:54	09/25/24 03:13	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Client Sample ID: ROW-7(5-10)-091124D

Lab Sample ID: 500-256517-19

Date Collected: 09/11/24 14:30

Matrix: Solid

Date Received: 09/11/24 16:55

Percent Solids: 86.3

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		09/23/24 19:54	09/25/24 03:13	1
Cobalt	0.048		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:13	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 16:51	1
Iron	0.60		0.40	0.20	mg/L		09/23/24 19:54	09/25/24 03:13	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:54	09/28/24 01:36	1
Manganese	4.8		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:13	1
Nickel	0.072		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:13	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:54	09/25/24 16:51	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:54	09/25/24 03:13	1
Zinc	0.038 J		0.50	0.020	mg/L		09/23/24 19:54	09/28/24 01:36	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		09/23/24 19:52	09/25/24 19:29	1
Barium	<0.50		0.50	0.050	mg/L		09/23/24 19:52	09/25/24 19:29	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 19:52	09/28/24 00:22	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 19:52	09/25/24 19:29	1
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:22	1
Cobalt	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:29	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/25/24 19:29	1
Iron	0.44		0.40	0.20	mg/L		09/23/24 19:52	09/25/24 19:29	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 19:52	09/28/24 00:22	1
Manganese	0.084		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:22	1
Nickel	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:22	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 19:52	09/25/24 19:29	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 19:52	09/28/24 00:22	1
Zinc	<0.50		0.50	0.020	mg/L		09/23/24 19:52	09/28/24 00:22	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		09/24/24 12:10	09/25/24 10:26	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/24/24 12:10	09/25/24 11:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017		0.017	0.0072	mg/Kg	☼	09/25/24 17:15	09/26/24 08:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			09/18/24 15:01	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
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

Eurofins Chicago

Definitions/Glossary

Client: Weston Solutions Inc

Job ID: 500-256517-1

Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 004 I80/RampB/Gardner St Bridge

Job ID: 500-256517-1

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
7470A	7470A	Solid	Mercury
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: <u>AS/esers</u>		Site Contact: <u>C. Davids</u>		Date: <u>9/11/24</u>		COC No		
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>J. Knapp</u>		Carrier:		<u>2</u> of _____ COCs		
Address <u>300 Knightsbridge Pkwy</u>		Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals ICUP / SPLP metals pH		 500-256517 COC		Sampler:		
City/State/Zip <u>Lincolnshire, IL 60069</u>								For Lab Use Only:		
Phone <u>312-540-2518</u>								Walk-in Client		
Fax								Lab Sampling		
Project Name <u>004-I-80</u>								Job / SDG No		
Site <u>Joliet, IL</u>								<u>500-256517</u>		
PO #										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes			
Row-13(10-15)-091124		9/11/24	1035	G	S	6				
Row-13(15-20)-091124			1040							
Row-13(20-24)-091124			1045							
Row-15(0-5)-091124			1105							
Row-15(5-10)-091124			1110							
Row-14(0-5)-091124			1130							
Row-14(5-10)-091124			1135							
Row-14(10-13.5)-091124			1140							
Row-14(5-10)-091124			1135							
Row-23(0-4)-091124			1205							
Row-23(6-12)-091124			1210							
Row-9(0-4)-091124			1225							
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)					
☐ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown					☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments: <u>5.7-75.4, 4.3-740, 5.3-750</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by: <u>[Signature]</u>		Company <u>Weston</u>		Date/Time <u>9/11/24 1600</u>		Received by: <u>Tristan Bryant</u>		Company <u>EETA</u>		
Relinquished by: <u>Tristan Bryant</u>		Company <u>EETA</u>		Date/Time <u>9/11/24 1625</u>		Received by: <u>[Signature]</u>		Company <u>EETA</u>		
Relinquished by:		Company		Date/Time		Received in Laboratory by: <u>[Signature]</u>		Company <u>EETA</u>		
								Date/Time <u>9/11/24 1655</u>		

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slesers		Site Contact: C. Davids		Date: 9/11/24		COC No	
Company Name: weston solutions		Tel/Email:		Lab Contact: J. Crump		Carrier:		3 of COCs	
Address: 200 Knightsbridge Parkway		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS/MSD (Y/N) VOCs SVOCs TOTAL METALS TRACE METALS pH				Sampler	
City/State/Zip: Lincolnshire, IL 60069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone: 312-590-2518		TAT if different from Below _____						Walk-in Client	
Fax:		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling	
Project Name: 004-I-80		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
Site: Juliet, IL		# of Cont.							
P O #									
Sample Identification								Sample Specific Notes	
8	ROW-10(0-5)-091124	09/11/24	1230	G	S	6		X	X
9	ROW-5(0-5)-091124		1235					X	X
10	ROW-20(0-5)-091124		1305					X	X
11	ROW-20(5-10)-091124		1310					X	X
12	ROW-20(10-15)-091124		1315					X	X
13	ROW-20(15-20)(17)-091124		1320					X	X
14	ROW-22(0-4)-091124		1350					X	X
15	ROW-56(0-5)-091124		1355					X	X
16	ROW-8(0-3)-091124		1445					X	X
17	ROW-7(0-5)-091124		1425					X	X
18	ROW-7(5-10)-091124		1430					X	X
19	ROW-7(5-10)-091124(1)		1430					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)			
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Cor'd _____		Therm ID No _____			
Relinquished by: [Signature]		Company: weston		Date/Time: 9/11/24 1600		Received by: Tristan Bryant		Company: EETA	
Relinquished by: Tristan Bryant		Company: EETA		Date/Time: 9/11/24 1605		Received by: [Signature]		Company: EETA	
Relinquished by:		Company:		Date/Time:		Received by: [Signature]		Company: EETA	

Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

[illegible]

ANALYTICAL REPORT

PREPARED FOR

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

Generated 9/30/2024 3:46:22 PM

JOB DESCRIPTION

IDOT- WO 004 I80/RampB/Gardner St Bridge

JOB NUMBER

500-256724-1

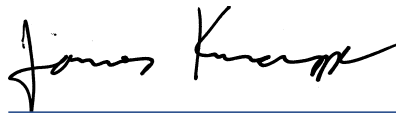
Eurofins Chicago

Job Notes

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

Authorization



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

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-43(0-2)-091224

Lab Sample ID: 500-256724-8

Date Collected: 09/12/24 22:00

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.018		0.014	0.0060	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Carbon tetrachloride	<0.0014		0.0014	0.00049	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Chloromethane	<0.0036		0.0036	0.00069	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,2-Dichloroethane	<0.0036		0.0036	0.00093	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00069	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Methyl Ethyl Ketone	0.0027	J	0.0036	0.0016	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
methyl isobutyl ketone	<0.0036		0.0036	0.0025	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Styrene	<0.0014	++	0.0014	0.00064	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,1,2,2-Tetrachloroethane	<0.0014	++	0.0014	0.00071	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00069	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Vinyl chloride	<0.0014		0.0014	0.00058	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1
Xylenes, Total	<0.0029		0.0029	0.00049	mg/Kg	☆	09/13/24 19:48	09/18/24 05:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		75 - 131	09/13/24 19:48	09/18/24 05:55	1
Dibromofluoromethane (Surr)	103		75 - 126	09/13/24 19:48	09/18/24 05:55	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	09/13/24 19:48	09/18/24 05:55	1
Toluene-d8 (Surr)	101		75 - 124	09/13/24 19:48	09/18/24 05:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-43(0-2)-091224

Lab Sample ID: 500-256724-8

Date Collected: 09/12/24 22:00

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Methylnaphthalene	0.021	J	0.076	0.0076	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Benzo[a]anthracene	<0.038		0.038	0.0080	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Benzo[a]pyrene	<0.038		0.038	0.036	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Benzo[g,h,i]perylene	0.021	J	0.038	0.0082	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Chrysene	0.033	J	0.038	0.010	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Dibenzofuran	0.014	J	0.19	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Fluoranthene	0.010	J	0.038	0.0088	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-43(0-2)-091224

Lab Sample ID: 500-256724-8

Date Collected: 09/12/24 22:00

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Naphthalene	<0.038		0.038	0.0068	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0074	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Pentachlorophenol	<0.76		0.76	0.094	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Phenanthrene	0.051		0.038	0.0082	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1
Pyrene	0.016	J	0.038	0.010	mg/Kg	☆	09/20/24 07:19	09/20/24 20:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	54		31 - 143	09/20/24 07:19	09/20/24 20:56	1
2-Fluorobiphenyl (Surr)	71		43 - 145	09/20/24 07:19	09/20/24 20:56	1
2-Fluorophenol (Surr)	69		31 - 166	09/20/24 07:19	09/20/24 20:56	1
Nitrobenzene-d5 (Surr)	68		37 - 147	09/20/24 07:19	09/20/24 20:56	1
Phenol-d5 (Surr)	70		30 - 153	09/20/24 07:19	09/20/24 20:56	1
Terphenyl-d14 (Surr)	79		42 - 157	09/20/24 07:19	09/20/24 20:56	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7300		11	4.5	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Arsenic	7.8		0.55	0.19	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Barium	39		0.55	0.063	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Beryllium	0.65	J	1.1	0.26	mg/Kg	☆	09/19/24 16:08	09/24/24 02:25	5
Cadmium	0.20		0.11	0.020	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Calcium	70000	B	55	9.3	mg/Kg	☆	09/19/24 16:08	09/24/24 18:28	5
Chromium	13		0.55	0.27	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Cobalt	14		0.28	0.072	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Copper	19		0.55	0.15	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Iron	14000		11	5.7	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Lead	14		0.28	0.13	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Magnesium	38000	B	28	14	mg/Kg	☆	09/19/24 16:08	09/24/24 18:28	5
Manganese	560		2.8	0.40	mg/Kg	☆	09/19/24 16:08	09/24/24 02:25	5
Nickel	30		0.55	0.16	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Potassium	2000		140	49	mg/Kg	☆	09/19/24 16:08	09/24/24 02:25	5
Selenium	<0.55		0.55	0.32	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Silver	<1.4		1.4	0.36	mg/Kg	☆	09/19/24 16:08	09/24/24 02:25	5
Sodium	1600		280	41	mg/Kg	☆	09/19/24 16:08	09/24/24 18:28	5
Thallium	0.51	J	0.55	0.27	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Vanadium	17		0.28	0.065	mg/Kg	☆	09/19/24 16:08	09/21/24 06:32	1
Zinc	71		5.5	2.4	mg/Kg	☆	09/19/24 16:08	09/24/24 02:25	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Barium	0.71		0.50	0.050	mg/L		09/23/24 08:50	09/26/24 01:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 08:50	09/26/24 01:21	1
Cadmium	0.0022	J	0.0050	0.0020	mg/L		09/23/24 08:50	09/26/24 01:21	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-43(0-2)-091224

Lab Sample ID: 500-256724-8

Date Collected: 09/12/24 22:00

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Cobalt	0.010	J	0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Copper	0.011	J	0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Iron	6.7	B	0.40	0.20	mg/L		09/23/24 08:50	09/26/24 01:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 08:50	09/26/24 01:21	1
Manganese	5.0	^2	0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Nickel	0.033		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 08:50	09/26/24 01:21	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:21	1
Zinc	0.029	J*+	0.50	0.020	mg/L		09/23/24 08:50	09/26/24 01:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Barium	0.84		0.50	0.050	mg/L		09/23/24 08:52	09/25/24 23:22	1
Beryllium	0.011		0.0040	0.0040	mg/L		09/23/24 08:52	09/26/24 12:37	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 08:52	09/25/24 23:22	1
Chromium	0.23		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Cobalt	0.13		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Copper	0.31		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Iron	260		0.40	0.20	mg/L		09/23/24 08:52	09/25/24 23:22	1
Lead	0.19		0.0075	0.0075	mg/L		09/23/24 08:52	09/25/24 23:22	1
Manganese	3.7		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Nickel	0.31		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 08:52	09/25/24 23:22	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:22	1
Zinc	0.73		0.50	0.020	mg/L		09/23/24 08:52	09/25/24 23:22	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		09/25/24 11:20	09/26/24 11:23	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/25/24 11:20	09/26/24 12:29	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.030		0.019	0.0078	mg/Kg	☼	09/26/24 17:42	09/27/24 07:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			09/19/24 16:12	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-42(0-2)-091224

Lab Sample ID: 500-256724-9

Date Collected: 09/12/24 22:15

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0094	J	0.015	0.0064	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Carbon disulfide	0.0010	J	0.0038	0.00070	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Chloroethane	<0.0038		0.0038	0.0012	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,2-Dichloroethane	<0.0038		0.0038	0.00098	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
methyl isobutyl ketone	<0.0038		0.0038	0.0027	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Styrene	<0.0015	+	0.0015	0.00068	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,1,2,2-Tetrachloroethane	<0.0015	++ *3	0.0015	0.00075	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	09/13/24 19:48	09/18/24 06:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	146	S1+ *3	75 - 131	09/13/24 19:48	09/18/24 06:21	1
Dibromofluoromethane (Surr)	100		75 - 126	09/13/24 19:48	09/18/24 06:21	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	09/13/24 19:48	09/18/24 06:21	1
Toluene-d8 (Surr)	111		75 - 124	09/13/24 19:48	09/18/24 06:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-42(0-2)-091224

Lab Sample ID: 500-256724-9

Date Collected: 09/12/24 22:15

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,4-Dimethylphenol	<0.36		0.36	0.080	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Methylnaphthalene	0.010	J	0.072	0.0072	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Chloroaniline	<0.72		0.72	0.38	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Nitroaniline	<0.36		0.36	0.026	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
4-Nitrophenol	<0.72		0.72	0.13	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Anthracene	<0.036		0.036	0.0073	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Benzo[a]anthracene	<0.036		0.036	0.0076	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Benzo[b]fluoranthene	<0.036		0.036	0.034	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Benzo[g,h,i]perylene	0.015	J	0.036	0.0078	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Chrysene	<0.036		0.036	0.0095	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Fluoranthene	0.012	J	0.036	0.0083	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Hexachlorobenzene	<0.072		0.072	0.0069	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-42(0-2)-091224

Lab Sample ID: 500-256724-9

Date Collected: 09/12/24 22:15

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.5

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	<0.036		0.036	0.035	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.0071	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Pentachlorophenol	<0.72		0.72	0.090	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Phenanthrene	0.027	J	0.036	0.0078	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1
Pyrene	0.013	J	0.036	0.0098	mg/Kg	☆	09/20/24 07:19	09/20/24 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		31 - 143	09/20/24 07:19	09/20/24 21:21	1
2-Fluorobiphenyl (Surr)	69		43 - 145	09/20/24 07:19	09/20/24 21:21	1
2-Fluorophenol (Surr)	65		31 - 166	09/20/24 07:19	09/20/24 21:21	1
Nitrobenzene-d5 (Surr)	63		37 - 147	09/20/24 07:19	09/20/24 21:21	1
Phenol-d5 (Surr)	66		30 - 153	09/20/24 07:19	09/20/24 21:21	1
Terphenyl-d14 (Surr)	77		42 - 157	09/20/24 07:19	09/20/24 21:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7600		11	4.4	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Arsenic	7.0		0.54	0.19	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Barium	39		0.54	0.062	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Beryllium	0.72	J	1.1	0.25	mg/Kg	☆	09/19/24 16:08	09/24/24 02:30	5
Cadmium	0.13		0.11	0.019	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Calcium	63000	B	54	9.2	mg/Kg	☆	09/19/24 16:08	09/24/24 18:43	5
Chromium	13		0.54	0.27	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Cobalt	12		0.27	0.071	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Copper	19		0.54	0.15	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Iron	21000		54	28	mg/Kg	☆	09/19/24 16:08	09/24/24 18:43	5
Lead	12		0.27	0.13	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Magnesium	30000	B	27	13	mg/Kg	☆	09/19/24 16:08	09/24/24 18:43	5
Manganese	420		2.7	0.39	mg/Kg	☆	09/19/24 16:08	09/24/24 02:30	5
Nickel	28		0.54	0.16	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Potassium	2400		140	48	mg/Kg	☆	09/19/24 16:08	09/24/24 02:30	5
Selenium	0.50	J	0.54	0.32	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Silver	<1.4		1.4	0.35	mg/Kg	☆	09/19/24 16:08	09/24/24 02:30	5
Sodium	1900		270	40	mg/Kg	☆	09/19/24 16:08	09/24/24 18:43	5
Thallium	0.38	J	0.54	0.27	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Vanadium	17		0.27	0.064	mg/Kg	☆	09/19/24 16:08	09/21/24 06:46	1
Zinc	60		5.4	2.4	mg/Kg	☆	09/19/24 16:08	09/24/24 02:30	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Barium	0.62		0.50	0.050	mg/L		09/23/24 08:50	09/26/24 01:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		09/23/24 08:50	09/26/24 01:35	1
Cadmium	0.0026	J	0.0050	0.0020	mg/L		09/23/24 08:50	09/26/24 01:35	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Client Sample ID: ROW-42(0-2)-091224

Lab Sample ID: 500-256724-9

Date Collected: 09/12/24 22:15

Matrix: Solid

Date Received: 09/13/24 12:00

Percent Solids: 87.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Cobalt	0.014	J	0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Copper	<0.025		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Iron	1.3		0.40	0.20	mg/L		09/23/24 08:50	09/26/24 17:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		09/23/24 08:50	09/26/24 01:35	1
Manganese	6.1	^2	0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Nickel	0.027		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 08:50	09/26/24 01:35	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 08:50	09/26/24 01:35	1
Zinc	0.022	J**	0.50	0.020	mg/L		09/23/24 08:50	09/26/24 01:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.058		0.050	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Barium	0.42	J	0.50	0.050	mg/L		09/23/24 08:52	09/25/24 23:27	1
Beryllium	0.0069		0.0040	0.0040	mg/L		09/23/24 08:52	09/26/24 12:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		09/23/24 08:52	09/25/24 23:27	1
Chromium	0.13		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Cobalt	0.070		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Copper	0.14		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Iron	130		0.40	0.20	mg/L		09/23/24 08:52	09/25/24 23:27	1
Lead	0.094		0.0075	0.0075	mg/L		09/23/24 08:52	09/25/24 23:27	1
Manganese	1.4		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Nickel	0.16		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Selenium	<0.050		0.050	0.020	mg/L		09/23/24 08:52	09/25/24 23:27	1
Silver	<0.025		0.025	0.010	mg/L		09/23/24 08:52	09/25/24 23:27	1
Zinc	0.35	J	0.50	0.020	mg/L		09/23/24 08:52	09/25/24 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/25/24 11:20	09/26/24 11:25	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		09/25/24 11:20	09/26/24 12:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.031		0.018	0.0075	mg/Kg	☼	09/26/24 17:42	09/27/24 07:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			09/19/24 16:14	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
^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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

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Definitions/Glossary

Client: Weston Solutions Inc

Job ID: 500-256724-1

Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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 004 I80/RampB/Gardner St Bridge

Job ID: 500-256724-1

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
7470A	7470A	Solid	Mercury
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Chain of Custody Record 735107

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slesars		Site Contact: C. Pave		Date 9/12/24		COC No	
Company Name Western Solutions		Tel/Email:		Lab Contact:		Carrier:		1 of COCs	
Address 300 Knightbridge Parkway		Analysis Turnaround Time						Sampler	
City/State/Zip Alhambra, CA 66069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☐ 2 weeks						Lab Sampling	
Project Name DOT 004		☐ 1 week							
Site R-80		☐ 2 days						Job / SDG No	
P O #		☐ 1 day						510-256724	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	500-256724 COC
1	Row-3 (0-4) - 091224	9/12/24	1910	G	S	6		X	
2	Row-4 (0-5) - 091224		1900					X	
3	Row-4 (5-10) - 091224		1905					X	
4	Row-4 (5-10) - 091224 D		1905					X	
5	Row-38 (0-3) - 091224		1935					X	
6	Row-39 (0-3) - 091224		1945					X	
7	Row-64 (0-2) - 091224		2120					X	
8	Row-43 (0-2) - 091224		2200					X	
9	Row-42 (0-2) - 091224		2215					X	
10	Row-41 (0-2) - 091224		2230					X	
11	Row-40 (0-2) - 091224		2245					X	
12	Row-37 (0-2) - 091224		2300					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

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:

Custody Seals Intact ☐ Yes ☐ No Custody Seal No _____ Cooler Temp (°C) Obs'd 3.8 Cor'd 3.5 Therm ID No _____

Relinquished by _____ Company WS Date/Time 9/13/24 0950 Received by _____ Company EEI Date/Time 9/13/24 9:55

Relinquished by _____ Company EEI Date/Time 9/13/24 1030 Received by _____ Company EEI Date/Time 9/13/24 1200

Relinquished by _____ Company EEI Date/Time 9/13/24 1200 Received by _____ Company EEI Date/Time 9/13/24 1200

ANALYTICAL REPORT

PREPARED FOR

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

Generated 10/17/2024 5:09:24 PM

JOB DESCRIPTION

IDOT- WO 004 I80/RampB/Gardner St Bridge

JOB NUMBER

500-257997-1

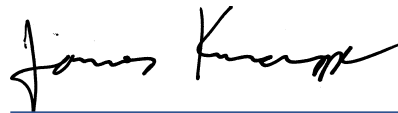
Eurofins Chicago

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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10/17/2024 5:09:24 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 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Client Sample ID: ROW-1(0-6)-100524

Lab Sample ID: 500-257997-1

Date Collected: 10/05/24 08:00

Matrix: Solid

Date Received: 10/05/24 10:00

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0089	J	0.016	0.0066	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Benzene	<0.0016		0.0016	0.00050	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Bromoform	<0.0016		0.0016	0.00092	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Bromomethane	<0.0040		0.0040	0.0019	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Carbon disulfide	<0.0040		0.0040	0.00073	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Carbon tetrachloride	<0.0016		0.0016	0.00054	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Chlorobenzene	<0.0016		0.0016	0.00067	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Chloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Chloromethane	<0.0040		0.0040	0.00077	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00063	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Dibromochloromethane	<0.0016		0.0016	0.00073	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,1-Dichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,1-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00076	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Ethylbenzene	<0.0016		0.0016	0.00083	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
2-Hexanone	<0.0040		0.0040	0.0024	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Methylene Chloride	<0.0040		0.0040	0.0017	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0017	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
methyl isobutyl ketone	<0.0040		0.0040	0.0028	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Styrene	<0.0016		0.0016	0.00071	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00078	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Tetrachloroethene	<0.0016		0.0016	0.00089	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00060	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00076	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00064	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Vinyl chloride	<0.0016		0.0016	0.00065	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1
Xylenes, Total	<0.0032		0.0032	0.00054	mg/Kg	☆	10/05/24 14:15	10/08/24 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	10/05/24 14:15	10/08/24 12:19	1
Dibromofluoromethane (Surr)	106		75 - 126	10/05/24 14:15	10/08/24 12:19	1
1,2-Dichloroethane-d4 (Surr)	111		70 - 134	10/05/24 14:15	10/08/24 12:19	1
Toluene-d8 (Surr)	106		75 - 124	10/05/24 14:15	10/08/24 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Client Sample ID: ROW-1(0-6)-100524

Lab Sample ID: 500-257997-1

Date Collected: 10/05/24 08:00

Matrix: Solid

Date Received: 10/05/24 10:00

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Methylnaphthalene	<0.080		0.080	0.0080	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Chloro-3-methylphenol	<0.40		0.40	0.015	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Chloroaniline	<0.80		0.80	0.42	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Nitroaniline	<0.40		0.40	0.029	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
4-Nitrophenol	<0.80		0.80	0.15	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Anthracene	<0.040		0.040	0.0081	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Benzo[a]anthracene	<0.040		0.040	0.0084	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Benzo[a]pyrene	<0.040		0.040	0.038	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Benzo[g,h,i]perylene	<0.040		0.040	0.0086	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Chrysene	<0.040		0.040	0.010	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Client Sample ID: ROW-1(0-6)-100524

Lab Sample ID: 500-257997-1

Date Collected: 10/05/24 08:00

Matrix: Solid

Date Received: 10/05/24 10:00

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.0079	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Pentachlorophenol	<0.80		0.80	0.10	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Phenanthrene	<0.040		0.040	0.0087	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☆	10/10/24 17:14	10/11/24 15:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		31 - 143	10/10/24 17:14	10/11/24 15:39	1
2-Fluorobiphenyl (Surr)	81		43 - 145	10/10/24 17:14	10/11/24 15:39	1
2-Fluorophenol (Surr)	85		31 - 166	10/10/24 17:14	10/11/24 15:39	1
Nitrobenzene-d5 (Surr)	93		37 - 147	10/10/24 17:14	10/11/24 15:39	1
Phenol-d5 (Surr)	89		30 - 153	10/10/24 17:14	10/11/24 15:39	1
Terphenyl-d14 (Surr)	88		42 - 157	10/10/24 17:14	10/11/24 15:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15000		12	4.8	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Antimony	<1.2	F1	1.2	0.23	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Arsenic	9.2	F1	0.59	0.20	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Barium	83	F1	0.59	0.067	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Beryllium	1.0	J	1.2	0.28	mg/Kg	☆	10/11/24 09:37	10/14/24 15:34	5
Cadmium	0.079	J F1	0.12	0.021	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Calcium	20000	B F2	59	10	mg/Kg	☆	10/11/24 09:37	10/14/24 15:34	5
Chromium	22		0.59	0.29	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Cobalt	16		0.30	0.077	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Copper	23	F1	0.59	0.17	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Iron	25000		12	6.1	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Lead	17	F1	0.30	0.14	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Magnesium	9900	F2	5.9	2.9	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Manganese	330		0.59	0.086	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Nickel	45		0.59	0.17	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Potassium	2700		30	10	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Selenium	0.63	F1	0.59	0.35	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Silver	<1.5		1.5	0.38	mg/Kg	☆	10/11/24 09:37	10/14/24 15:34	5
Sodium	2100	F2 F1 B	59	8.7	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Thallium	0.46	J	0.59	0.29	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Vanadium	27		0.30	0.070	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	1
Zinc	85	F1	1.2	0.52	mg/Kg	☆	10/11/24 09:37	10/13/24 17:28	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		10/16/24 14:58	10/17/24 12:41	1
Barium	0.81		0.50	0.050	mg/L		10/16/24 14:58	10/17/24 12:41	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		10/16/24 14:58	10/17/24 12:41	1
Cadmium	0.0047	J	0.0050	0.0020	mg/L		10/16/24 14:58	10/17/24 12:41	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Client Sample ID: ROW-1(0-6)-100524

Lab Sample ID: 500-257997-1

Date Collected: 10/05/24 08:00

Matrix: Solid

Date Received: 10/05/24 10:00

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Cobalt	0.17		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Copper	<0.025		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Iron	2.3		0.40	0.20	mg/L		10/16/24 14:58	10/17/24 12:41	1
Lead	<0.0075		0.0075	0.0075	mg/L		10/16/24 14:58	10/17/24 12:41	1
Manganese	10		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Nickel	0.12		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Selenium	<0.050		0.050	0.020	mg/L		10/16/24 14:58	10/17/24 12:41	1
Silver	<0.025		0.025	0.010	mg/L		10/16/24 14:58	10/17/24 12:41	1
Zinc	0.029 J		0.50	0.020	mg/L		10/16/24 14:58	10/17/24 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.13		0.050	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Barium	0.95		0.50	0.050	mg/L		10/16/24 14:22	10/17/24 12:39	1
Beryllium	0.013		0.0040	0.0040	mg/L		10/16/24 14:22	10/17/24 12:39	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		10/16/24 14:22	10/17/24 12:39	1
Chromium	0.29		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Cobalt	0.15		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Copper	0.38		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Iron	340		0.40	0.20	mg/L		10/16/24 14:22	10/17/24 12:39	1
Lead	0.18		0.0075	0.0075	mg/L		10/16/24 14:22	10/17/24 12:39	1
Manganese	2.9		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Nickel	0.46		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Selenium	<0.050	F1	0.050	0.020	mg/L		10/16/24 14:22	10/17/24 12:39	1
Silver	<0.025		0.025	0.010	mg/L		10/16/24 14:22	10/17/24 12:39	1
Zinc	0.85		0.50	0.020	mg/L		10/16/24 14:22	10/17/24 12:39	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		10/16/24 11:30	10/17/24 11:24	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		10/17/24 07:45	10/17/24 11:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.020	0.0081	mg/Kg	☼	10/15/24 15:30	10/16/24 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			10/10/24 17:01	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Glossary (Continued)

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

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

Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 004 I80/RampB/Gardner St Bridge

Job ID: 500-257997-1

Laboratory: Eurofins Chicago

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Georgia	State	N/A	05-31-25
Georgia (DW)	State	939	05-31-25
Hawaii	State	NA	05-31-25
Illinois	NELAP	IL00035	05-31-25
Indiana	State	C-IL-02	05-31-25
Iowa	State	082	05-01-26
Kansas	NELAP	E-10161	10-31-24
Kentucky (UST)	State	AI # 108083	05-31-25
Kentucky (WW)	State	KY90023	12-31-24
Louisiana (All)	NELAP	02046	06-30-25
Mississippi	State	NA	05-31-25
North Carolina (WW/SW)	State	291	12-31-24
North Dakota	State	R-194	04-29-24 *
Oklahoma	State	8908	08-31-24 *
South Carolina	State	77001003	05-31-25
USDA	US Federal Programs	P330-18-00018	03-30-26
Wisconsin	State	999580010	08-31-25
Wyoming	State	8TMS-Q	05-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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Chain of Custody Record 735104

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: <u>A. Steves</u>		Site Contact: <u>C. Purn</u>		Date: <u>10-5-24</u>		COC No			
Company Name: <u>Western Solutions</u>		Tel/Email:		Lab Contact: <u>J. Kennedy</u>		Carrier:		1 of 1 COCs			
Address: <u>800 E. 1st St. Phoenix</u>		Analysis Turnaround Time		500-257997 COC 		For Lab Use Only. Walk-in Client Lab Sampling		Sampler: <u>C. Purn</u> Job / SDG No <u>500-257997</u>			
City/State/Zip: <u>Phoenix AZ</u>		☐ CALENDAR DAYS ☐ WORKING DAYS									
Phone		TAT if different from Below									
Fax											
Project Name: <u>DOT 004</u>		☐ 2 weeks		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Trace Metals TEP/PAHs PA							
Site: <u>I-80</u>		☐ 1 week									
P O #		☐ 2 days									
		☐ 1 day									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes				
1	ROW-1 (0-6)-100524	10/5/24	0800	G	S	6	X	X	X	X	
2	ROW-55 (0-6)-100524		0810								
3	ROW-52 (0-6)-100524		0820								
4	ROW-45 (0-4)-100524		0830								
5	ROW-26 (5-10)-100524		0845								
6	ROW-26 (5-10)-100524		0845								
7	ROW-26 (10-15)-100524		0850								
8	ROW-59 (6-12)-100524		0900								
9	ROW-60 (12-4)-100524		0910								
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)					
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months					
Special Instructions/QC Requirements & Comments:											
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd <u>4.8</u> Corr'd <u>4.5</u>		Therm ID No					
Relinquished by <u>[Signature]</u>		Company <u>WS</u>		Date/Time <u>10-5-24/1000</u>		Received by		Company		Date/Time	
Relinquished by		Company		Date/Time		Received by		Company		Date/Time	
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EEIA</u>		Date/Time <u>10/5/24 1000</u>	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/18/2025 4:44:35 PM

JOB DESCRIPTION

IDOT- WO 014 – I-80

JOB NUMBER

500-269639-1

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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 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(0-5)-06092025

Lab Sample ID: 500-269639-14

Date Collected: 06/09/25 11:30

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.017	J	0.019	0.0078	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Carbon disulfide	<0.0047		0.0047	0.00086	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Chlorobenzene	<0.0019		0.0019	0.00079	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Chloromethane	<0.0047		0.0047	0.00091	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Dibromochloromethane	<0.0019		0.0019	0.00087	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,1-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00090	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
2-Hexanone	<0.0047		0.0047	0.0028	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
methyl isobutyl ketone	<0.0047		0.0047	0.0033	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00093	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00071	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00090	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00076	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Vinyl chloride	<0.0019		0.0019	0.00076	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	✱	06/09/25 16:07	06/17/25 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	06/09/25 16:07	06/17/25 03:12	1
Dibromofluoromethane (Surr)	98		75 - 126	06/09/25 16:07	06/17/25 03:12	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/09/25 16:07	06/17/25 03:12	1
Toluene-d8 (Surr)	101		75 - 124	06/09/25 16:07	06/17/25 03:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(0-5)-06092025

Lab Sample ID: 500-269639-14

Date Collected: 06/09/25 11:30

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Hexachlorocyclopentadiene	<0.81	+	0.81	0.43	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	06/10/25 07:31	06/10/25 21:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(0-5)-06092025

Lab Sample ID: 500-269639-14

Date Collected: 06/09/25 11:30

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.2

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	<0.040		0.040	0.039	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Isophorone	<0.20		0.20	0.021	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Phenanthrene	<0.040		0.040	0.0087	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1
Pyrene	<0.040		0.040	0.011	mg/Kg	✱	06/10/25 07:31	06/10/25 21:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143	06/10/25 07:31	06/10/25 21:17	1
2-Fluorobiphenyl (Surr)	67		43 - 145	06/10/25 07:31	06/10/25 21:17	1
2-Fluorophenol (Surr)	67		31 - 166	06/10/25 07:31	06/10/25 21:17	1
Nitrobenzene-d5 (Surr)	64		37 - 147	06/10/25 07:31	06/10/25 21:17	1
Phenol-d5 (Surr)	69		30 - 153	06/10/25 07:31	06/10/25 21:17	1
Terphenyl-d14 (Surr)	92		42 - 157	06/10/25 07:31	06/10/25 21:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		12	5.0	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Antimony	<1.2		1.2	0.24	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Arsenic	8.4		0.61	0.21	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Barium	61		0.61	0.069	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Beryllium	0.79		0.24	0.057	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Cadmium	0.14		0.12	0.022	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Calcium	60000	B	61	10	mg/Kg	✱	06/10/25 08:53	06/12/25 14:44	5
Chromium	19		0.61	0.30	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Cobalt	16		0.30	0.079	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Copper	20		0.61	0.17	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Iron	20000		12	6.3	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Lead	16		1.5	0.70	mg/Kg	✱	06/10/25 08:53	06/12/25 14:44	5
Magnesium	20000		6.1	3.0	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Manganese	490		0.61	0.088	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Nickel	40		0.61	0.18	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Potassium	3300		30	11	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Selenium	<0.61		0.61	0.36	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Silver	<0.30		0.30	0.078	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Sodium	1300		61	9.0	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Thallium	0.42	J	0.61	0.30	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Vanadium	26		0.30	0.072	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1
Zinc	72		1.2	0.53	mg/Kg	✱	06/10/25 08:53	06/12/25 01:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:07	1
Barium	0.33	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:07	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:07	1
Cadmium	0.0011	J	0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:07	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(0-5)-06092025

Lab Sample ID: 500-269639-14

Date Collected: 06/09/25 11:30

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		06/13/25 14:01	06/17/25 19:07	1
Cobalt	0.0014	J	0.0050	0.00078	mg/L		06/13/25 14:01	06/17/25 19:07	1
Copper	<0.010		0.010	0.0018	mg/L		06/13/25 14:01	06/17/25 19:07	1
Iron	0.45		0.40	0.082	mg/L		06/13/25 14:01	06/17/25 19:07	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/13/25 14:01	06/17/25 19:07	1
Manganese	0.95		0.010	0.0023	mg/L		06/13/25 14:01	06/17/25 19:07	1
Nickel	<0.010		0.010	0.0048	mg/L		06/13/25 14:01	06/17/25 19:07	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:01	06/17/25 19:07	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:01	06/17/25 19:07	1
Zinc	<0.50		0.50	0.0050	mg/L		06/13/25 14:01	06/17/25 19:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.097		0.010	0.0037	mg/L		06/13/25 14:03	06/17/25 14:06	1
Barium	0.56		0.010	0.0012	mg/L		06/13/25 14:03	06/17/25 14:06	1
Beryllium	0.0026	J	0.0040	0.00089	mg/L		06/13/25 14:03	06/17/25 14:06	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		06/13/25 14:03	06/17/25 14:06	1
Chromium	0.17		0.010	0.0017	mg/L		06/13/25 14:03	06/17/25 14:06	1
Cobalt	0.067		0.0050	0.00078	mg/L		06/13/25 14:03	06/17/25 14:06	1
Copper	0.23		0.010	0.0018	mg/L		06/13/25 14:03	06/17/25 14:06	1
Iron	210		0.40	0.082	mg/L		06/13/25 14:03	06/17/25 14:06	1
Lead	0.095		0.0075	0.0027	mg/L		06/13/25 14:03	06/17/25 14:06	1
Manganese	1.5		0.010	0.0023	mg/L		06/13/25 14:03	06/17/25 14:06	1
Nickel	0.25		0.010	0.0048	mg/L		06/13/25 14:03	06/17/25 14:06	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:03	06/17/25 14:06	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:03	06/17/25 14:06	1
Zinc	0.46	J	0.50	0.0050	mg/L		06/13/25 14:03	06/17/25 14:06	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		06/16/25 11:55	06/17/25 09:07	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		06/16/25 11:55	06/17/25 08:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0075	mg/Kg	☼	06/16/25 16:05	06/17/25 08:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			06/12/25 10:36	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(5-10)-06092025

Lab Sample ID: 500-269639-15

Date Collected: 06/09/25 11:35

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00073	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Methyl Ethyl Ketone	<0.0038		0.0038	0.0017	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
methyl isobutyl ketone	<0.0038		0.0038	0.0027	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00076	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☆	06/09/25 16:07	06/17/25 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	06/09/25 16:07	06/17/25 03:40	1
Dibromofluoromethane (Surr)	99		75 - 126	06/09/25 16:07	06/17/25 03:40	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/09/25 16:07	06/17/25 03:40	1
Toluene-d8 (Surr)	104		75 - 124	06/09/25 16:07	06/17/25 03:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(5-10)-06092025

Lab Sample ID: 500-269639-15

Date Collected: 06/09/25 11:35

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Acenaphthene	<0.036		0.036	0.0075	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Hexachlorocyclopentadiene	<0.74	+	0.74	0.39	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 21:41	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(5-10)-06092025

Lab Sample ID: 500-269639-15

Date Collected: 06/09/25 11:35

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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	<0.036		0.036	0.036	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Isophorone	<0.18		0.18	0.019	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Phenol	<0.18		0.18	0.016	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1
Pyrene	<0.036		0.036	0.010	mg/Kg	✱	06/10/25 07:31	06/10/25 21:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143	06/10/25 07:31	06/10/25 21:41	1
2-Fluorobiphenyl (Surr)	64		43 - 145	06/10/25 07:31	06/10/25 21:41	1
2-Fluorophenol (Surr)	67		31 - 166	06/10/25 07:31	06/10/25 21:41	1
Nitrobenzene-d5 (Surr)	64		37 - 147	06/10/25 07:31	06/10/25 21:41	1
Phenol-d5 (Surr)	70		30 - 153	06/10/25 07:31	06/10/25 21:41	1
Terphenyl-d14 (Surr)	88		42 - 157	06/10/25 07:31	06/10/25 21:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13000		11	4.6	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Antimony	<1.1		1.1	0.22	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Arsenic	5.8		0.56	0.19	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Barium	64		0.56	0.064	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Beryllium	0.73		0.23	0.053	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Cadmium	0.13		0.11	0.020	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Calcium	52000	B	56	9.6	mg/Kg	✱	06/10/25 08:53	06/12/25 14:48	5
Chromium	20		0.56	0.28	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Cobalt	12		0.28	0.074	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Copper	18		0.56	0.16	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Iron	17000		11	5.9	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Lead	17		1.4	0.65	mg/Kg	✱	06/10/25 08:53	06/12/25 14:48	5
Magnesium	20000		5.6	2.8	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Manganese	350		0.56	0.082	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Nickel	31		0.56	0.16	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Potassium	3200		28	10	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Selenium	0.39	J	0.56	0.33	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Silver	<0.28		0.28	0.073	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Sodium	200		56	8.4	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Thallium	0.43	J	0.56	0.28	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Vanadium	27		0.28	0.067	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1
Zinc	63		1.1	0.50	mg/Kg	✱	06/10/25 08:53	06/12/25 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:12	1
Barium	0.43	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:12	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:12	1
Cadmium	0.0013	J	0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:12	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(5-10)-06092025

Lab Sample ID: 500-269639-15

Date Collected: 06/09/25 11:35

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		06/13/25 14:01	06/17/25 19:12	1
Cobalt	0.0057		0.0050	0.00078	mg/L		06/13/25 14:01	06/17/25 19:12	1
Copper	<0.010		0.010	0.0018	mg/L		06/13/25 14:01	06/17/25 19:12	1
Iron	0.18 J		0.40	0.082	mg/L		06/13/25 14:01	06/17/25 19:12	1
Lead	<0.0075		0.0075	0.0027	mg/L		06/13/25 14:01	06/17/25 19:12	1
Manganese	4.2		0.010	0.0023	mg/L		06/13/25 14:01	06/17/25 19:12	1
Nickel	0.0061 J		0.010	0.0048	mg/L		06/13/25 14:01	06/17/25 19:12	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:01	06/17/25 19:12	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:01	06/17/25 19:12	1
Zinc	<0.50		0.50	0.0050	mg/L		06/13/25 14:01	06/17/25 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.012		0.010	0.0037	mg/L		06/13/25 14:03	06/17/25 14:10	1
Barium	0.15		0.010	0.0012	mg/L		06/13/25 14:03	06/17/25 14:10	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:03	06/17/25 14:10	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		06/13/25 14:03	06/17/25 14:10	1
Chromium	0.044		0.010	0.0017	mg/L		06/13/25 14:03	06/17/25 14:10	1
Cobalt	0.018		0.0050	0.00078	mg/L		06/13/25 14:03	06/17/25 14:10	1
Copper	0.045		0.010	0.0018	mg/L		06/13/25 14:03	06/17/25 14:10	1
Iron	43		0.40	0.082	mg/L		06/13/25 14:03	06/17/25 14:10	1
Lead	0.026		0.0075	0.0027	mg/L		06/13/25 14:03	06/17/25 14:10	1
Manganese	0.54		0.010	0.0023	mg/L		06/13/25 14:03	06/17/25 14:10	1
Nickel	0.051		0.010	0.0048	mg/L		06/13/25 14:03	06/17/25 14:10	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:03	06/17/25 14:10	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:03	06/17/25 14:10	1
Zinc	0.076 J		0.50	0.0050	mg/L		06/13/25 14:03	06/17/25 14:10	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		06/16/25 11:55	06/17/25 09:09	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		06/16/25 11:55	06/17/25 08:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0075	mg/Kg	☼	06/16/25 16:05	06/17/25 08:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			06/12/25 10:38	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(10-15)-06092025

Lab Sample ID: 500-269639-16

Date Collected: 06/09/25 11:40

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.025		0.023	0.0095	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Benzene	<0.0023		0.0023	0.00071	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Bromodichloromethane	<0.0023		0.0023	0.00072	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Bromoform	<0.0023		0.0023	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Bromomethane	<0.0056		0.0056	0.0028	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Carbon disulfide	<0.0056		0.0056	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Carbon tetrachloride	<0.0023		0.0023	0.00077	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Chlorobenzene	<0.0023		0.0023	0.00095	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Chloroethane	<0.0056		0.0056	0.0018	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Chloroform	<0.0023		0.0023	0.0016	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Chloromethane	<0.0056		0.0056	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
cis-1,2-Dichloroethene	<0.0023		0.0023	0.00091	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
cis-1,3-Dichloropropene	<0.0023		0.0023	0.00090	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Dibromochloromethane	<0.0023		0.0023	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,1-Dichloroethane	<0.0023		0.0023	0.00085	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,2-Dichloroethane	<0.0056		0.0056	0.0015	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,1-Dichloroethene	<0.0023		0.0023	0.00093	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,2-Dichloropropane	<0.0023		0.0023	0.00058	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,3-Dichloropropene, Total	<0.0023		0.0023	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Ethylbenzene	<0.0023		0.0023	0.0012	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
2-Hexanone	<0.0056		0.0056	0.0034	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Methylene Chloride	<0.0056		0.0056	0.0024	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Methyl Ethyl Ketone	<0.0056		0.0056	0.0025	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
methyl isobutyl ketone	<0.0056		0.0056	0.0040	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Methyl tert-butyl ether	<0.0023		0.0023	0.00073	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Styrene	<0.0023		0.0023	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,1,2,2-Tetrachloroethane	<0.0023		0.0023	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Tetrachloroethene	<0.0023		0.0023	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Toluene	<0.0023		0.0023	0.00045	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
trans-1,2-Dichloroethene	<0.0023		0.0023	0.00085	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
trans-1,3-Dichloropropene	<0.0023		0.0023	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,1,1-Trichloroethane	<0.0023		0.0023	0.00091	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
1,1,2-Trichloroethane	<0.0023		0.0023	0.00084	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Trichloroethene	<0.0023		0.0023	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Vinyl chloride	<0.0023		0.0023	0.00092	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1
Xylenes, Total	<0.0045		0.0045	0.00077	mg/Kg	☆	06/09/25 16:07	06/17/25 04:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	06/09/25 16:07	06/17/25 04:06	1
Dibromofluoromethane (Surr)	98		75 - 126	06/09/25 16:07	06/17/25 04:06	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	06/09/25 16:07	06/17/25 04:06	1
Toluene-d8 (Surr)	101		75 - 124	06/09/25 16:07	06/17/25 04:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(10-15)-06092025

Lab Sample ID: 500-269639-16

Date Collected: 06/09/25 11:40

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2,6-Dinitrotoluene	<0.20		0.20	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Methylnaphthalene	<0.079		0.079	0.0078	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
4-Nitrophenol	<0.79		0.79	0.42	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Hexachlorocyclopentadiene	<0.79	+	0.79	0.41	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	06/10/25 07:31	06/10/25 22:05	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(10-15)-06092025

Lab Sample ID: 500-269639-16

Date Collected: 06/09/25 11:40

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.022	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
N-Nitrosodiphenylamine	<0.20		0.20	0.077	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Phenanthrene	<0.039		0.039	0.0085	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	06/10/25 07:31	06/10/25 22:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	72		31 - 143	06/10/25 07:31	06/10/25 22:05	1
2-Fluorobiphenyl (Surr)	68		43 - 145	06/10/25 07:31	06/10/25 22:05	1
2-Fluorophenol (Surr)	66		31 - 166	06/10/25 07:31	06/10/25 22:05	1
Nitrobenzene-d5 (Surr)	63		37 - 147	06/10/25 07:31	06/10/25 22:05	1
Phenol-d5 (Surr)	67		30 - 153	06/10/25 07:31	06/10/25 22:05	1
Terphenyl-d14 (Surr)	92		42 - 157	06/10/25 07:31	06/10/25 22:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		12	4.7	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Antimony	<1.2		1.2	0.22	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Arsenic	7.3		0.58	0.20	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Barium	71		0.58	0.066	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Beryllium	0.73		0.23	0.054	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Cadmium	0.13		0.12	0.021	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Calcium	30000	B	12	1.9	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Chromium	21		0.58	0.28	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Cobalt	12		0.29	0.075	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Copper	19		0.58	0.16	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Iron	19000		12	6.0	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Lead	13		0.29	0.13	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Magnesium	15000		5.8	2.9	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Manganese	330		0.58	0.083	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Nickel	34		0.58	0.17	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Potassium	3100		29	10	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Selenium	<0.58		0.58	0.34	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Silver	<0.29		0.29	0.074	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Sodium	110		58	8.5	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Thallium	0.37	J	0.58	0.29	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Vanadium	28		0.29	0.068	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1
Zinc	69		1.2	0.50	mg/Kg	✱	06/10/25 08:53	06/12/25 02:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0047	J	0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:17	1
Barium	0.77	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:17	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:17	1
Cadmium	0.0033		0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-25(10-15)-06092025

Lab Sample ID: 500-269639-16

Date Collected: 06/09/25 11:40

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		06/13/25 14:01	06/17/25 19:17	1
Cobalt	0.021		0.0050	0.00078	mg/L		06/13/25 14:01	06/17/25 19:17	1
Copper	0.0029	J	0.010	0.0018	mg/L		06/13/25 14:01	06/17/25 19:17	1
Iron	0.28	J	0.40	0.082	mg/L		06/13/25 14:01	06/17/25 19:17	1
Lead	0.0048	J	0.0075	0.0027	mg/L		06/13/25 14:01	06/17/25 19:17	1
Manganese	10		0.010	0.0023	mg/L		06/13/25 14:01	06/17/25 19:17	1
Nickel	0.018		0.010	0.0048	mg/L		06/13/25 14:01	06/17/25 19:17	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:01	06/17/25 19:17	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:01	06/17/25 19:17	1
Zinc	0.0066	J	0.50	0.0050	mg/L		06/13/25 14:01	06/17/25 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		06/13/25 14:03	06/17/25 14:14	1
Barium	0.076		0.010	0.0012	mg/L		06/13/25 14:03	06/17/25 14:14	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:03	06/17/25 14:14	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		06/13/25 14:03	06/17/25 14:14	1
Chromium	0.018		0.010	0.0017	mg/L		06/13/25 14:03	06/17/25 14:14	1
Cobalt	0.0063		0.0050	0.00078	mg/L		06/13/25 14:03	06/17/25 14:14	1
Copper	0.015		0.010	0.0018	mg/L		06/13/25 14:03	06/17/25 14:14	1
Iron	16		0.40	0.082	mg/L		06/13/25 14:03	06/17/25 14:14	1
Lead	0.0081		0.0075	0.0027	mg/L		06/13/25 14:03	06/17/25 14:14	1
Manganese	0.19		0.010	0.0023	mg/L		06/13/25 14:03	06/17/25 14:14	1
Nickel	0.018		0.010	0.0048	mg/L		06/13/25 14:03	06/17/25 14:14	1
Selenium	<0.010		0.010	0.0053	mg/L		06/13/25 14:03	06/17/25 14:14	1
Silver	<0.0050		0.0050	0.0015	mg/L		06/13/25 14:03	06/17/25 14:14	1
Zinc	0.026	J	0.50	0.0050	mg/L		06/13/25 14:03	06/17/25 14:14	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		06/16/25 11:55	06/17/25 09:11	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		06/16/25 11:55	06/17/25 08:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.024		0.018	0.0076	mg/Kg	☼	06/16/25 16:05	06/17/25 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			06/12/25 10:41	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(0-5)-06092025

Lab Sample ID: 500-269639-17

Date Collected: 06/09/25 12:05

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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	0.0075	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Benzene	<0.0018		0.0018	0.00056	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Bromodichloromethane	<0.0018		0.0018	0.00057	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Carbon disulfide	<0.0044		0.0044	0.00082	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Carbon tetrachloride	<0.0018		0.0018	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Chlorobenzene	<0.0018		0.0018	0.00075	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Chloroethane	<0.0044		0.0044	0.0015	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Chloromethane	<0.0044		0.0044	0.00086	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00071	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Dibromochloromethane	<0.0018		0.0018	0.00082	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,1-Dichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,2-Dichloroethane	<0.0044		0.0044	0.0012	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,1-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00085	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Ethylbenzene	<0.0018		0.0018	0.00093	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0020	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
methyl isobutyl ketone	<0.0044		0.0044	0.0032	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Styrene	<0.0018		0.0018	0.00080	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00088	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00067	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00085	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00072	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Vinyl chloride	<0.0018		0.0018	0.00073	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1
Xylenes, Total	<0.0036		0.0036	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 04:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		75 - 131	06/09/25 16:07	06/17/25 04:34	1
Dibromofluoromethane (Surr)	98		75 - 126	06/09/25 16:07	06/17/25 04:34	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	06/09/25 16:07	06/17/25 04:34	1
Toluene-d8 (Surr)	102		75 - 124	06/09/25 16:07	06/17/25 04:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	06/10/25 07:31	06/11/25 10:27	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	06/10/25 07:31	06/11/25 10:27	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	06/10/25 07:31	06/11/25 10:27	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:27	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	06/10/25 07:31	06/11/25 10:27	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(0-5)-06092025

Lab Sample ID: 500-269639-17

Date Collected: 06/09/25 12:05

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Benzo[a]anthracene	<0.038		0.038	0.0080	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Benzo[g,h,i]perylene	0.019 J		0.038	0.017	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Chrysene	<0.038		0.038	0.010	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Hexachlorocyclopentadiene	<0.77	+	0.77	0.40	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	✱	06/10/25 07:31	06/11/25 10:27	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(0-5)-06092025

Lab Sample ID: 500-269639-17

Date Collected: 06/09/25 12:05

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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	<0.038		0.038	0.037	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
N-Nitrosodiphenylamine	<0.19		0.19	0.075	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Phenol	<0.19		0.19	0.016	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1
Pyrene	<0.038		0.038	0.010	mg/Kg	✳	06/10/25 07:31	06/11/25 10:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	06/10/25 07:31	06/11/25 10:27	1
2-Fluorobiphenyl (Surr)	80		43 - 145	06/10/25 07:31	06/11/25 10:27	1
2-Fluorophenol (Surr)	73		31 - 166	06/10/25 07:31	06/11/25 10:27	1
Nitrobenzene-d5 (Surr)	74		37 - 147	06/10/25 07:31	06/11/25 10:27	1
Phenol-d5 (Surr)	70		30 - 153	06/10/25 07:31	06/11/25 10:27	1
Terphenyl-d14 (Surr)	90		42 - 157	06/10/25 07:31	06/11/25 10:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		11	4.4	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Antimony	<1.1		1.1	0.21	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Arsenic	8.1		0.54	0.19	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Barium	79		0.54	0.062	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Beryllium	0.76		0.22	0.051	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Cadmium	0.088	J	0.11	0.019	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Calcium	44000	B	54	9.2	mg/Kg	✳	06/10/25 08:53	06/12/25 14:53	5
Chromium	21		0.54	0.27	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Cobalt	16		0.27	0.071	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Copper	21		0.54	0.15	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Iron	19000		11	5.6	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Lead	16		1.4	0.63	mg/Kg	✳	06/10/25 08:53	06/12/25 14:53	5
Magnesium	17000		5.4	2.7	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Manganese	410		0.54	0.079	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Nickel	39		0.54	0.16	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Potassium	3500		27	9.6	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Selenium	<0.54		0.54	0.32	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Silver	<0.27		0.27	0.070	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Sodium	1100		54	8.0	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Thallium	0.34	J	0.54	0.27	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Vanadium	27		0.27	0.064	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1
Zinc	67		1.1	0.48	mg/Kg	✳	06/10/25 08:53	06/12/25 02:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0048	J	0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:21	1
Barium	0.72	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:21	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:21	1
Cadmium	0.0040		0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:21	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(0-5)-06092025

Lab Sample ID: 500-269639-17

Date Collected: 06/09/25 12:05

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0028	J B	0.010	0.0017	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Cobalt	0.019		0.0050	0.00078	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Copper	0.0019	J	0.010	0.0018	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Iron	0.26	J	0.40	0.082	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Lead	0.0040	J	0.0075	0.0027	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Manganese	3.1		0.010	0.0023	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Nickel	0.032		0.010	0.0048	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Selenium	<0.010		0.010	0.0053	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:01	06/17/25 19:21	1
Zinc	0.0061	J	0.50	0.0050	mg/L	—	06/13/25 14:01	06/17/25 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.010	0.0037	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Barium	0.70		0.010	0.0012	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Beryllium	0.0030	J	0.0040	0.00089	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Cadmium	0.00060	J	0.0020	0.00043	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Chromium	0.21		0.010	0.0017	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Cobalt	0.086		0.0050	0.00078	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Copper	0.29		0.010	0.0018	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Iron	240		0.40	0.082	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Lead	0.12		0.0075	0.0027	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Manganese	1.3		0.010	0.0023	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Nickel	0.31		0.010	0.0048	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Selenium	<0.010		0.010	0.0053	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:03	06/17/25 14:19	1
Zinc	0.57		0.50	0.0050	mg/L	—	06/13/25 14:03	06/17/25 14:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L	—	06/16/25 11:55	06/17/25 09:13	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	—	06/16/25 11:55	06/17/25 08:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.020		0.018	0.0075	mg/Kg	☼	06/16/25 16:05	06/17/25 08:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU	—		06/12/25 10:43	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(5-10)-06092025

Lab Sample ID: 500-269639-18

Date Collected: 06/09/25 12:10

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.022		0.022	0.0094	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Benzene	<0.0022		0.0022	0.00070	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Bromodichloromethane	<0.0022		0.0022	0.00072	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Bromoform	<0.0022		0.0022	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Bromomethane	<0.0056		0.0056	0.0027	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Carbon disulfide	<0.0056		0.0056	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Carbon tetrachloride	<0.0022		0.0022	0.00076	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Chlorobenzene	<0.0022		0.0022	0.00094	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Chloroethane	<0.0056		0.0056	0.0018	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Chloroform	<0.0022		0.0022	0.0016	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Chloromethane	<0.0056		0.0056	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00090	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00090	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Dibromochloromethane	<0.0022		0.0022	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,1-Dichloroethane	<0.0022		0.0022	0.00084	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,2-Dichloroethane	<0.0056		0.0056	0.0014	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,1-Dichloroethene	<0.0022		0.0022	0.00092	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,2-Dichloropropane	<0.0022		0.0022	0.00058	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Ethylbenzene	<0.0022		0.0022	0.0012	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
2-Hexanone	<0.0056		0.0056	0.0034	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Methylene Chloride	<0.0056		0.0056	0.0024	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Methyl Ethyl Ketone	<0.0056		0.0056	0.0025	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
methyl isobutyl ketone	<0.0056		0.0056	0.0040	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00072	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Styrene	<0.0022		0.0022	0.0010	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Tetrachloroethene	<0.0022		0.0022	0.0013	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Toluene	<0.0022		0.0022	0.00045	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00084	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.0011	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00090	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00084	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Trichloroethene	<0.0022		0.0022	0.00061	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Vinyl chloride	<0.0022		0.0022	0.00091	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1
Xylenes, Total	<0.0045		0.0045	0.00077	mg/Kg	☆	06/09/25 16:07	06/17/25 05:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		75 - 131	06/09/25 16:07	06/17/25 05:01	1
Dibromofluoromethane (Surr)	99		75 - 126	06/09/25 16:07	06/17/25 05:01	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	06/09/25 16:07	06/17/25 05:01	1
Toluene-d8 (Surr)	102		75 - 124	06/09/25 16:07	06/17/25 05:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(5-10)-06092025

Lab Sample ID: 500-269639-18

Date Collected: 06/09/25 12:10

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
4-Nitrophenol	<0.79		0.79	0.43	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Hexachlorocyclopentadiene	<0.79	+	0.79	0.42	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	06/10/25 07:31	06/11/25 10:02	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(5-10)-06092025

Lab Sample ID: 500-269639-18

Date Collected: 06/09/25 12:10

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Isophorone	<0.20		0.20	0.020	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.023	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Phenol	<0.20		0.20	0.017	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1
Pyrene	<0.039		0.039	0.011	mg/Kg	✱	06/10/25 07:31	06/11/25 10:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143	06/10/25 07:31	06/11/25 10:02	1
2-Fluorobiphenyl (Surr)	82		43 - 145	06/10/25 07:31	06/11/25 10:02	1
2-Fluorophenol (Surr)	78		31 - 166	06/10/25 07:31	06/11/25 10:02	1
Nitrobenzene-d5 (Surr)	78		37 - 147	06/10/25 07:31	06/11/25 10:02	1
Phenol-d5 (Surr)	76		30 - 153	06/10/25 07:31	06/11/25 10:02	1
Terphenyl-d14 (Surr)	94		42 - 157	06/10/25 07:31	06/11/25 10:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		11	4.5	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Antimony	<1.1		1.1	0.22	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Arsenic	8.1		0.56	0.19	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Barium	56		0.56	0.063	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Beryllium	0.78		0.22	0.052	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Cadmium	0.098	J	0.11	0.020	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Calcium	55000	B	56	9.4	mg/Kg	✱	06/10/25 08:53	06/12/25 14:57	5
Chromium	21		0.56	0.28	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Cobalt	13		0.28	0.073	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Copper	21		0.56	0.16	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Iron	21000		11	5.8	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Lead	16		1.4	0.64	mg/Kg	✱	06/10/25 08:53	06/12/25 14:57	5
Magnesium	20000		5.6	2.8	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Manganese	330		0.56	0.081	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Nickel	37		0.56	0.16	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Potassium	3400		28	9.8	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Selenium	<0.56		0.56	0.33	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Silver	<0.28		0.28	0.072	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Sodium	200		56	8.2	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Thallium	0.32	J	0.56	0.28	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Vanadium	27		0.28	0.066	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1
Zinc	71		1.1	0.49	mg/Kg	✱	06/10/25 08:53	06/12/25 02:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0058	J	0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:26	1
Barium	0.81	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:26	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:26	1
Cadmium	0.0052		0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:26	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(5-10)-06092025

Lab Sample ID: 500-269639-18

Date Collected: 06/09/25 12:10

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 82.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0018	J B	0.010	0.0017	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Cobalt	0.044		0.0050	0.00078	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Copper	0.0032	J	0.010	0.0018	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Iron	0.12	J	0.40	0.082	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Lead	0.0051	J	0.0075	0.0027	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Manganese	7.8		0.010	0.0023	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Nickel	0.055		0.010	0.0048	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Selenium	0.0063	J	0.010	0.0053	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:01	06/17/25 19:26	1
Zinc	0.0082	J	0.50	0.0050	mg/L	—	06/13/25 14:01	06/17/25 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Barium	0.045		0.010	0.0012	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Beryllium	<0.0040		0.0040	0.00089	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Cadmium	<0.0020		0.0020	0.00043	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Chromium	0.012		0.010	0.0017	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Cobalt	0.0036	J	0.0050	0.00078	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Copper	0.011		0.010	0.0018	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Iron	11		0.40	0.082	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Lead	0.0045	J	0.0075	0.0027	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Manganese	0.11		0.010	0.0023	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Nickel	0.011		0.010	0.0048	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Selenium	<0.010		0.010	0.0053	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:03	06/17/25 14:32	1
Zinc	0.017	J	0.50	0.0050	mg/L	—	06/13/25 14:03	06/17/25 14:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L	—	06/16/25 11:55	06/17/25 09:14	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	—	06/16/25 11:55	06/17/25 08:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.018	0.0076	mg/Kg	☼	06/16/25 16:05	06/17/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU	—		06/12/25 10:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(10-15)-06092025

Lab Sample ID: 500-269639-19

Date Collected: 06/09/25 12:15

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.014	J	0.019	0.0079	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Carbon disulfide	<0.0047		0.0047	0.00087	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Chloroethane	<0.0047		0.0047	0.0016	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Chloromethane	<0.0047		0.0047	0.00092	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00076	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,1-Dichloroethane	<0.0019		0.0019	0.00071	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00091	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
2-Hexanone	<0.0047		0.0047	0.0029	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
methyl isobutyl ketone	<0.0047		0.0047	0.0034	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Styrene	<0.0019		0.0019	0.00085	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00077	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Vinyl chloride	<0.0019		0.0019	0.00077	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	✱	06/09/25 16:07	06/17/25 05:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		75 - 131	06/09/25 16:07	06/17/25 05:29	1
Dibromofluoromethane (Surr)	99		75 - 126	06/09/25 16:07	06/17/25 05:29	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	06/09/25 16:07	06/17/25 05:29	1
Toluene-d8 (Surr)	101		75 - 124	06/09/25 16:07	06/17/25 05:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(10-15)-06092025

Lab Sample ID: 500-269639-19

Date Collected: 06/09/25 12:15

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Methylnaphthalene	<0.077		0.077	0.0077	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.22	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Acenaphthene	<0.038		0.038	0.0078	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Benzo[a]anthracene	0.014 J		0.038	0.0081	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Benzo[g,h,i]perylene	0.025 J		0.038	0.017	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Carbazole	<0.19		0.19	0.015	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Chrysene	0.010 J		0.038	0.010	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Fluoranthene	<0.038		0.038	0.0089	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Fluorene	<0.038		0.038	0.011	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Hexachlorocyclopentadiene	<0.77 *+ F2		0.77	0.41	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1
Hexachloroethane	<0.19 F1		0.19	0.019	mg/Kg	✱	06/10/25 07:31	06/10/25 22:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(10-15)-06092025

Lab Sample ID: 500-269639-19

Date Collected: 06/09/25 12:15

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Isophorone	<0.19		0.19	0.020	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
N-Nitrosodiphenylamine	<0.19		0.19	0.076	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Phenanthrene	0.012	J	0.038	0.0083	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Phenol	<0.19		0.19	0.017	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1
Pyrene	<0.038		0.038	0.010	mg/Kg	✳	06/10/25 07:31	06/10/25 22:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	06/10/25 07:31	06/10/25 22:29	1
2-Fluorobiphenyl (Surr)	85		43 - 145	06/10/25 07:31	06/10/25 22:29	1
2-Fluorophenol (Surr)	80		31 - 166	06/10/25 07:31	06/10/25 22:29	1
Nitrobenzene-d5 (Surr)	79		37 - 147	06/10/25 07:31	06/10/25 22:29	1
Phenol-d5 (Surr)	80		30 - 153	06/10/25 07:31	06/10/25 22:29	1
Terphenyl-d14 (Surr)	99		42 - 157	06/10/25 07:31	06/10/25 22:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		11	4.6	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Antimony	<1.1		1.1	0.22	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Arsenic	8.3		0.56	0.19	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Barium	50		0.56	0.064	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Beryllium	0.65		0.22	0.053	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Cadmium	0.13		0.11	0.020	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Calcium	64000	B	56	9.5	mg/Kg	✳	06/10/25 08:53	06/12/25 15:01	5
Chromium	18		0.56	0.28	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Cobalt	12		0.28	0.074	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Copper	19		0.56	0.16	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Iron	18000		11	5.8	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Lead	13		1.4	0.65	mg/Kg	✳	06/10/25 08:53	06/12/25 15:01	5
Magnesium	25000		5.6	2.8	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Manganese	330		0.56	0.082	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Nickel	30		0.56	0.16	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Potassium	2900		28	10	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Selenium	<0.56		0.56	0.33	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Silver	<0.28		0.28	0.073	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Sodium	140		56	8.3	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Thallium	0.45	J	0.56	0.28	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Vanadium	24		0.28	0.066	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1
Zinc	65		1.1	0.49	mg/Kg	✳	06/10/25 08:53	06/12/25 02:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0048	J	0.010	0.0037	mg/L		06/13/25 14:01	06/17/25 19:31	1
Barium	1.1	B	0.010	0.0012	mg/L		06/13/25 14:01	06/17/25 19:31	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		06/13/25 14:01	06/17/25 19:31	1
Cadmium	0.0045		0.0020	0.00043	mg/L		06/13/25 14:01	06/17/25 19:31	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Client Sample ID: SB-23(10-15)-06092025

Lab Sample ID: 500-269639-19

Date Collected: 06/09/25 12:15

Matrix: Solid

Date Received: 06/09/25 15:06

Percent Solids: 85.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	0.0026	J B	0.010	0.0017	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Cobalt	0.038		0.0050	0.00078	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Copper	0.012		0.010	0.0018	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Iron	0.25	J	0.40	0.082	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Lead	0.015		0.0075	0.0027	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Manganese	7.1		0.010	0.0023	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Nickel	0.042		0.010	0.0048	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Selenium	<0.010		0.010	0.0053	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:01	06/17/25 19:31	1
Zinc	0.019	J	0.50	0.0050	mg/L	—	06/13/25 14:01	06/17/25 19:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0068	J	0.010	0.0037	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Barium	0.12		0.010	0.0012	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Beryllium	<0.0040		0.0040	0.00089	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Cadmium	<0.0020		0.0020	0.00043	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Chromium	0.030		0.010	0.0017	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Cobalt	0.011		0.0050	0.00078	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Copper	0.025		0.010	0.0018	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Iron	26		0.40	0.082	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Lead	0.014		0.0075	0.0027	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Manganese	0.34		0.010	0.0023	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Nickel	0.031		0.010	0.0048	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Selenium	<0.010		0.010	0.0053	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Silver	<0.0050		0.0050	0.0015	mg/L	—	06/13/25 14:03	06/17/25 14:36	1
Zinc	0.045	J	0.50	0.0050	mg/L	—	06/13/25 14:03	06/17/25 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L	—	06/16/25 11:55	06/17/25 09:16	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	—	06/16/25 11:55	06/17/25 08:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.019	0.0079	mg/Kg	☼	06/16/25 16:05	06/17/25 08:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU	—		06/12/25 10:51	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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)

Eurofins Chicago

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 014 – I-80

Job ID: 500-269639-1

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	100201	05-31-26

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 737289

Environment Testing
AmericaRegulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager A. Slesers		Site Contact A. Shirley		Date 6/9/25		COC No 737289	
Company Name <u>Weston Solutions</u>		Tel/Email <u>224-364-7201</u>		Lab Contact <u>J. Knapp</u>		Carrier		1 of 2 COCs	
Address <u>306 Knightbridge Pkwy</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP Metals SPLP Metals pH		 500-269639 COC		Sampler	
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk in Client	
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling	
Project Name <u>DDT 014 (I80)</u>								Job / SDG No	
Site <u>I80 / Chicago Street</u>								<u>500-269639</u>	
P O #									
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Sample Specific Notes		
1 SB-43 (0-5)-06092025		6/9/25	0745	6	S	5			
2 RW-63(2-5) 06092025			0835						
3 RW-63(5-10)-06092025			0846						
4 SB-35(0-5)-06092025			0940						
5 SB-35(5-10)-06092025			0945						
6 SB-35(10-15)-06092025			0956						
7 SB-32(0-5)-06092025			1015						
8 SB-32(5-10)-06092025			1020						
9 SB-32(10-15)-06092025			1025						
10 SB-28(0-5)-06092025			1045						
11 SB-28(5-10)-06092025			1055						
12 SB-28(10-15)-06092025			1100						
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other									
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Therm ID No			
Relinquished by <u>Ana Shirley</u>		Company <u>WESTON</u>		Date/Time <u>6/9/25</u>		Received by <u>A. J. Elkan</u>		Company <u>EETA</u>	
Relinquished by <u>A. J. Elkan</u>		Company <u>EETA</u>		Date/Time <u>6/9/25 1506</u>		Received by		Company	
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Shirley Knapp</u>		Company <u>EETA</u>	



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

Railroad (ISGS Site No. 2233V3-172)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.51186 Longitude: -88.09443

(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.): 881

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 RR-, 1 RR-3, RR-11, and RR-13 were sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB IDs: 500-260866-1 AND 500-268196-1. ALSO SEE FIGURES 4-19, 4-21, and 4-25 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:

27 August 2025

Date:



Summary Table - Railroad (ISGS Site No. 2233V3-172)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	RR-1	RR-3	RR-11	RR-13
Sample Date		12/2/2024	12/2/2024	5/12/2025	5/12/2025
Field Sample ID		RR-1(0-5)- 120224	RR-3(0-6)- 120224	RR-11(0-2)- 051225	RR-13(0-2)- 051225
ISGS Site No.		2233V3-172	2233V3-172	2233V3-172	2233V3-172
Laboratory pH	<6.25, >9.0	6.8	7.3	7.8	7.2
VOCs (mg/kg)					
SVOCs (mg/kg)					
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.45	0.53	0.036	0.038
Total Metals (mg/kg)					
Aluminum, Total	--- / ---	3300	3200	2700	2600
Antimony, Total	5	0.26 J	ND	ND	ND
Arsenic, Total	11.3 / 13.0	2.9	3.6	2.2	4.3
Barium, Total	1500	31 B	34 B	16 B	8.6 B
Beryllium, Total	22	0.29 J	0.3 J	0.21	0.21
Cadmium, Total	5.2	0.2	0.34	0.082 J	ND
Calcium, Total	--- / ---	130000 B	150000 B	200000 B	220000 B
Chromium, Total	21	7.9	11	6.1	5.7
Cobalt, Total	20	2.1	3	1.9	2.3
Copper, Total	2900	8.6	14	6.6	3.2
Iron, Total	15000 / 15900	7600	8500	7400	8400
Lead, Total	107	21	32	21	11
Magnesium, Total	325000	81000 B	86000 B	97000	100000
Manganese, Total	630 / 636	300 B	360 B	280	270
Mercury, Total	0.89	0.021	0.18	0.0091 J	0.0074 J
Nickel, Total	100	5.7	7.4	5.2	6.9
Potassium, Total	--- / ---	1200	1200	1200	1400
Selenium, Total	1.3	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	0.79	0.92
Sodium, Total	--- / ---	370 J	280 J	210 J	210 J
Thallium, Total	2.6	0.68	0.56	0.85	0.59
Vanadium, Total	550	7.3	7.6	7.4	7.1
Zinc, Total	5100	43	110	34	16
TCLP Metals (mg/l)					
Arsenic, TCLP	0.05	ND	ND	ND	ND
Barium, TCLP	2	0.45 J	0.23 J	0.11	0.058
Beryllium, TCLP	0.004	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0023 J	0.003 J	0.0014 J	0.00095 J
Chromium, TCLP	0.1	ND	ND	ND	ND
Cobalt, TCLP	1	ND	0.011 J	0.012	0.022
Copper, TCLP	0.65	ND	ND	ND	ND
Iron, TCLP	5	2	0.59	0.65	1.4
Lead, TCLP	0.0075	ND	ND	ND	ND
Manganese, TCLP	0.15	0.25	1.3	1.1	1.2
Mercury, TCLP	0.002	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.021 J	0.0075 J	0.019
Selenium, TCLP	0.05	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND
Zinc, TCLP	5	0.079 J	0.41 J	0.05 J	0.025 J
SPLP Metals (mg/l)					
Arsenic, SPLP	0.05	ND	ND	ND	ND
Barium, SPLP	2	0.41 J	ND	0.014	0.023
Beryllium, SPLP	0.004	ND	ND	ND	ND
Cadmium, SPLP	0.005	0.0022 J	ND	ND	ND
Chromium, SPLP	0.1	ND	ND	0.008 J	0.014
Cobalt, SPLP	1	ND	ND	ND	0.0016 J
Copper, SPLP	0.65	0.028	ND	0.01 J	ND
Iron, SPLP	5	0.82	0.59	1.6	2.9
Lead, SPLP	0.0075	0.046	ND	ND	0.0046 J
Manganese, SPLP	0.15	1.2	0.042	0.015	0.058
Mercury, SPLP	0.002	ND	ND	ND	ND
Nickel, SPLP	0.1	0.02 J	ND	ND	0.0058 J
Selenium, SPLP	0.05	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND
Zinc, SPLP	5	0.2 J	0.032 J	ND	0.0075 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background values for MSA counties, as applicable.
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
 Yellow 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 12/11/2024 5:18:42 PM

JOB DESCRIPTION

IDOT- WO 009 I-80 at Des Plaines River

JOB NUMBER

500-260866-1

Eurofins Chicago

Job Notes

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

Authorization



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Authorized for release by
Jim Knapp, Senior Project Manager
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(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-1(0-5)-120224

Lab Sample ID: 500-260866-2

Date Collected: 12/02/24 10:10

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.029		0.029	0.012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Benzene	<0.0029		0.0029	0.00091	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Bromodichloromethane	<0.0029		0.0029	0.00093	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Bromoform	<0.0029		0.0029	0.0017	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Bromomethane	<0.0072		0.0072	0.0036	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Carbon disulfide	<0.0072		0.0072	0.0013	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Carbon tetrachloride	<0.0029		0.0029	0.00098	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Chlorobenzene	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Chloroethane	<0.0072		0.0072	0.0024	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Chloroform	<0.0029		0.0029	0.0021	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Chloromethane	<0.0072		0.0072	0.0014	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
cis-1,2-Dichloroethene	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
cis-1,3-Dichloropropene	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Dibromochloromethane	<0.0029		0.0029	0.0013	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,1-Dichloroethane	<0.0029		0.0029	0.0011	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,2-Dichloroethane	<0.0072		0.0072	0.0019	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,1-Dichloroethene	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,2-Dichloropropane	<0.0029		0.0029	0.00075	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,3-Dichloropropene, Total	<0.0029		0.0029	0.0014	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Ethylbenzene	<0.0029		0.0029	0.0015	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
2-Hexanone	<0.0072		0.0072	0.0044	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Methylene Chloride	<0.0072		0.0072	0.0031	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Methyl Ethyl Ketone	<0.0072		0.0072	0.0032	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
methyl isobutyl ketone	<0.0072		0.0072	0.0051	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Methyl tert-butyl ether	<0.0029		0.0029	0.00093	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Styrene	<0.0029		0.0029	0.0013	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,1,2,2-Tetrachloroethane	<0.0029		0.0029	0.0014	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Tetrachloroethene	<0.0029		0.0029	0.0016	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Toluene	<0.0029		0.0029	0.00058	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
trans-1,2-Dichloroethene	<0.0029		0.0029	0.0011	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
trans-1,3-Dichloropropene	<0.0029		0.0029	0.0014	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,1,1-Trichloroethane	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
1,1,2-Trichloroethane	<0.0029		0.0029	0.0011	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Trichloroethene	<0.0029		0.0029	0.00079	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Vinyl chloride	<0.0029		0.0029	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1
Xylenes, Total	<0.0058		0.0058	0.00099	mg/Kg	☆	12/03/24 17:30	12/04/24 11:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		75 - 131	12/03/24 17:30	12/04/24 11:42	1
Dibromofluoromethane (Surr)	96		75 - 126	12/03/24 17:30	12/04/24 11:42	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	12/03/24 17:30	12/04/24 11:42	1
Toluene-d8 (Surr)	90		75 - 124	12/03/24 17:30	12/04/24 11:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-1(0-5)-120224

Lab Sample ID: 500-260866-2

Date Collected: 12/02/24 10:10

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.42		0.42	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,4,6-Trichlorophenol	<0.42		0.42	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,4-Dichlorophenol	<0.42		0.42	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,4-Dimethylphenol	<0.42		0.42	0.094	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,4-Dinitrophenol	<0.85		0.85	0.24	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2,6-Dinitrotoluene	<0.21		0.21	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Chloronaphthalene	<0.21		0.21	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Chlorophenol	<0.21		0.21	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Methylnaphthalene	0.021	J	0.085	0.0084	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Nitroaniline	<0.21		0.21	0.023	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
2-Nitrophenol	<0.42		0.42	0.029	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
3 & 4 Methylphenol	<0.21		0.21	0.031	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.034	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
3-Nitroaniline	<0.42		0.42	0.019	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4,6-Dinitro-2-methylphenol	<0.85		0.85	0.24	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.029	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Chloro-3-methylphenol	<0.42		0.42	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Chloroaniline	<0.85		0.85	0.44	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Nitroaniline	<0.42		0.42	0.031	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
4-Nitrophenol	<0.85		0.85	0.16	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Acenaphthene	0.024	J	0.042	0.0086	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Acenaphthylene	0.011	J	0.042	0.0071	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Anthracene	0.090		0.042	0.0086	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Benzo[a]anthracene	0.40		0.042	0.0089	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Benzo[a]pyrene	0.45		0.042	0.041	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Benzo[b]fluoranthene	0.63		0.042	0.040	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Benzo[g,h,i]perylene	0.31		0.042	0.0091	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Benzo[k]fluoranthene	0.26		0.042	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Carbazole	0.029	J	0.21	0.017	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Chrysene	0.46		0.042	0.011	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Dibenz(a,h)anthracene	0.081		0.042	0.042	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Dimethyl phthalate	<0.21		0.21	0.0091	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Di-n-octyl phthalate	<0.42		0.42	0.29	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Fluoranthene	0.89		0.042	0.0098	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Fluorene	0.019	J	0.042	0.012	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Hexachlorobenzene	<0.085		0.085	0.0081	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Hexachlorobutadiene	<0.21		0.21	0.024	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Hexachlorocyclopentadiene	<0.85		0.85	0.45	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-1(0-5)-120224

Lab Sample ID: 500-260866-2

Date Collected: 12/02/24 10:10

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 78.0

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	0.33		0.042	0.041	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Isophorone	<0.21		0.21	0.022	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Naphthalene	0.020	J	0.042	0.0076	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Nitrobenzene	<0.042		0.042	0.013	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
N-Nitrosodi-n-propylamine	<0.085		0.085	0.0083	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
N-Nitrosodiphenylamine	<0.21		0.21	0.025	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Pentachlorophenol	<0.85		0.85	0.11	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Phenanthrene	0.38		0.042	0.0092	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Phenol	<0.21		0.21	0.018	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1
Pyrene	0.84		0.042	0.011	mg/Kg	☆	12/03/24 14:38	12/04/24 10:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	40		31 - 143	12/03/24 14:38	12/04/24 10:00	1
2-Fluorobiphenyl (Surr)	48		43 - 145	12/03/24 14:38	12/04/24 10:00	1
2-Fluorophenol (Surr)	44		31 - 166	12/03/24 14:38	12/04/24 10:00	1
Nitrobenzene-d5 (Surr)	48		37 - 147	12/03/24 14:38	12/04/24 10:00	1
Phenol-d5 (Surr)	47		30 - 153	12/03/24 14:38	12/04/24 10:00	1
Terphenyl-d14 (Surr)	53		42 - 157	12/03/24 14:38	12/04/24 10:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3300		12	4.8	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Antimony	0.26	J	1.2	0.23	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Arsenic	2.9		0.59	0.20	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Barium	31	B	0.59	0.067	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Beryllium	0.29	J	1.2	0.28	mg/Kg	☆	12/05/24 10:11	12/06/24 16:28	5
Cadmium	0.20		0.12	0.021	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Calcium	130000	B	59	10	mg/Kg	☆	12/05/24 10:11	12/06/24 16:28	5
Chromium	7.9		0.59	0.29	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Cobalt	2.1		0.30	0.077	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Copper	8.6		0.59	0.17	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Iron	7600		59	31	mg/Kg	☆	12/05/24 10:11	12/09/24 13:39	5
Lead	21		0.30	0.14	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Magnesium	81000	B	30	15	mg/Kg	☆	12/05/24 10:11	12/09/24 13:39	5
Manganese	300	B	3.0	0.43	mg/Kg	☆	12/05/24 10:11	12/09/24 13:39	5
Nickel	5.7		0.59	0.17	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Potassium	1200		150	52	mg/Kg	☆	12/05/24 10:11	12/06/24 16:28	5
Selenium	<0.59		0.59	0.35	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Silver	<1.5		1.5	0.38	mg/Kg	☆	12/05/24 10:11	12/06/24 16:28	5
Sodium	370	B	300	44	mg/Kg	☆	12/05/24 10:11	12/06/24 16:28	5
Thallium	0.68		0.59	0.29	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Vanadium	7.3		0.30	0.070	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	1
Zinc	43		1.2	0.52	mg/Kg	☆	12/05/24 10:11	12/05/24 20:43	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		12/06/24 14:14	12/09/24 18:19	1
Barium	0.45	J	0.50	0.050	mg/L		12/06/24 14:14	12/09/24 18:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/06/24 14:14	12/09/24 18:19	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		12/06/24 14:14	12/09/24 18:19	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-1(0-5)-120224

Lab Sample ID: 500-260866-2

Date Collected: 12/02/24 10:10

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 78.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Cobalt	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Copper	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Iron	2.0		0.40	0.20	mg/L		12/06/24 14:14	12/09/24 18:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/06/24 14:14	12/09/24 18:19	1
Manganese	0.25		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Nickel	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Selenium	<0.050		0.050	0.020	mg/L		12/06/24 14:14	12/09/24 18:19	1
Silver	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:19	1
Zinc	0.079 J		0.50	0.020	mg/L		12/06/24 14:14	12/09/24 18:19	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		12/09/24 14:38	12/10/24 18:37	1
Barium	0.41 J		0.50	0.050	mg/L		12/09/24 14:38	12/10/24 18:37	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/09/24 14:38	12/11/24 12:53	1
Cadmium	0.0022 J		0.0050	0.0020	mg/L		12/09/24 14:38	12/10/24 18:37	1
Chromium	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:37	1
Cobalt	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:37	1
Copper	0.028		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:37	1
Iron	0.82		0.40	0.20	mg/L		12/09/24 14:38	12/11/24 12:53	1
Lead	0.046		0.0075	0.0075	mg/L		12/09/24 14:38	12/10/24 18:37	1
Manganese	1.2		0.025	0.010	mg/L		12/09/24 14:38	12/11/24 12:53	1
Nickel	0.020 J		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:37	1
Selenium	<0.050		0.050	0.020	mg/L		12/09/24 14:38	12/10/24 18:37	1
Silver	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:37	1
Zinc	0.20 J		0.50	0.020	mg/L		12/09/24 14:38	12/10/24 18:37	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		12/09/24 12:25	12/10/24 09:11	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		12/10/24 10:25	12/11/24 10:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.021	0.0086	mg/Kg	☼	12/09/24 16:25	12/10/24 08:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.8		0.2	0.2	SU			12/04/24 11:55	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-3(0-6)-120224

Lab Sample ID: 500-260866-6

Date Collected: 12/02/24 11:25

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 92.3

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	0.0084	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00080	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Dibromochloromethane	<0.0020		0.0020	0.00092	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Ethylbenzene	<0.0020		0.0020	0.0010	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
methyl isobutyl ketone	<0.0050		0.0050	0.0035	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00064	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00075	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Vinyl chloride	<0.0020		0.0020	0.00081	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1
Xylenes, Total	<0.0040		0.0040	0.00068	mg/Kg	☆	12/03/24 17:30	12/04/24 13:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		75 - 131	12/03/24 17:30	12/04/24 13:22	1
Dibromofluoromethane (Surr)	100		75 - 126	12/03/24 17:30	12/04/24 13:22	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	12/03/24 17:30	12/04/24 13:22	1
Toluene-d8 (Surr)	84		75 - 124	12/03/24 17:30	12/04/24 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.34		0.34	0.049	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
1,2-Dichlorobenzene	<0.34		0.34	0.028	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
1,3-Dichlorobenzene	<0.34		0.34	0.031	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
1,4-Dichlorobenzene	<0.34		0.34	0.032	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,2'-oxybis[1-chloropropane]	<0.34		0.34	0.049	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-3(0-6)-120224

Lab Sample ID: 500-260866-6

Date Collected: 12/02/24 11:25

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 92.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.68		0.68	0.026	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,4,6-Trichlorophenol	<0.68		0.68	0.023	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,4-Dichlorophenol	<0.68		0.68	0.024	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,4-Dimethylphenol	<0.68		0.68	0.15	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,4-Dinitrophenol	<1.4		1.4	0.40	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,4-Dinitrotoluene	<0.34		0.34	0.039	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2,6-Dinitrotoluene	<0.34		0.34	0.023	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Chloronaphthalene	<0.34		0.34	0.026	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Chlorophenol	<0.34		0.34	0.022	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Methylnaphthalene	0.045	J	0.14	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Methylphenol	<0.34		0.34	0.036	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Nitroaniline	<0.34		0.34	0.037	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
2-Nitrophenol	<0.68		0.68	0.046	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
3 & 4 Methylphenol	<0.34		0.34	0.050	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
3,3'-Dichlorobenzidine	<0.34		0.34	0.056	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
3-Nitroaniline	<0.68		0.68	0.031	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4,6-Dinitro-2-methylphenol	<1.4		1.4	0.39	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Bromophenyl phenyl ether	<0.34		0.34	0.047	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Chloro-3-methylphenol	<0.68		0.68	0.027	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Chloroaniline	<1.4		1.4	0.72	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Chlorophenyl phenyl ether	<0.34		0.34	0.090	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Nitroaniline	<0.68		0.68	0.051	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
4-Nitrophenol	<1.4		1.4	0.25	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Acenaphthene	0.019	J	0.068	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Acenaphthylene	0.023	J	0.068	0.012	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Anthracene	0.12		0.068	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Benzo[a]anthracene	0.48		0.068	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Benzo[a]pyrene	0.53		0.068	0.066	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Benzo[b]fluoranthene	0.72		0.068	0.065	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Benzo[g,h,i]perylene	0.35		0.068	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Benzo[k]fluoranthene	0.28		0.068	0.026	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Bis(2-chloroethoxy)methane	<0.34		0.34	0.026	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Bis(2-chloroethyl)ether	<0.34		0.34	0.032	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Bis(2-ethylhexyl) phthalate	<0.34		0.34	0.27	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Butyl benzyl phthalate	<0.34		0.34	0.034	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Carbazole	0.031	J	0.34	0.027	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Chrysene	0.57		0.068	0.018	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Dibenz(a,h)anthracene	0.087		0.068	0.068	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Dibenzofuran	<0.34		0.34	0.024	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Diethyl phthalate	<0.34		0.34	0.031	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Dimethyl phthalate	<0.34		0.34	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Di-n-butyl phthalate	<0.34		0.34	0.022	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Di-n-octyl phthalate	<0.68		0.68	0.48	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Fluoranthene	1.0		0.068	0.016	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Fluorene	0.020	J	0.068	0.020	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Hexachlorobenzene	<0.14		0.14	0.013	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Hexachlorobutadiene	<0.34		0.34	0.039	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Hexachlorocyclopentadiene	<1.4		1.4	0.73	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Hexachloroethane	<0.34		0.34	0.034	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-3(0-6)-120224

Lab Sample ID: 500-260866-6

Date Collected: 12/02/24 11:25

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 92.3

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	0.38		0.068	0.067	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Isophorone	<0.34		0.34	0.035	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Naphthalene	0.020	J	0.068	0.012	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Nitrobenzene	<0.068		0.068	0.022	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
N-Nitrosodi-n-propylamine	<0.14		0.14	0.014	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
N-Nitrosodiphenylamine	<0.34		0.34	0.041	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Pentachlorophenol	<1.4		1.4	0.17	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Phenanthrene	0.44		0.068	0.015	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Phenol	<0.34		0.34	0.030	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2
Pyrene	0.89		0.068	0.019	mg/Kg	☆	12/03/24 14:38	12/04/24 14:37	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		31 - 143	12/03/24 14:38	12/04/24 14:37	2
2-Fluorobiphenyl (Surr)	63		43 - 145	12/03/24 14:38	12/04/24 14:37	2
2-Fluorophenol (Surr)	55		31 - 166	12/03/24 14:38	12/04/24 14:37	2
Nitrobenzene-d5 (Surr)	58		37 - 147	12/03/24 14:38	12/04/24 14:37	2
Phenol-d5 (Surr)	59		30 - 153	12/03/24 14:38	12/04/24 14:37	2
Terphenyl-d14 (Surr)	81		42 - 157	12/03/24 14:38	12/04/24 14:37	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3200		10	4.1	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Antimony	<1.0		1.0	0.20	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Arsenic	3.6		0.51	0.17	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Barium	34	B	0.51	0.058	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Beryllium	0.30	J	1.0	0.24	mg/Kg	☆	12/05/24 10:11	12/06/24 16:50	5
Cadmium	0.34		0.10	0.018	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Calcium	150000	B	51	8.6	mg/Kg	☆	12/05/24 10:11	12/06/24 16:50	5
Chromium	11		0.51	0.25	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Cobalt	3.0		0.25	0.067	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Copper	14		0.51	0.14	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Iron	8500		51	26	mg/Kg	☆	12/05/24 10:11	12/09/24 13:57	5
Lead	32		0.25	0.12	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Magnesium	86000	B	25	13	mg/Kg	☆	12/05/24 10:11	12/09/24 13:57	5
Manganese	360	B	2.5	0.37	mg/Kg	☆	12/05/24 10:11	12/09/24 13:57	5
Nickel	7.4		0.51	0.15	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Potassium	1200		130	45	mg/Kg	☆	12/05/24 10:11	12/06/24 16:50	5
Selenium	<0.51		0.51	0.30	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Silver	<1.3		1.3	0.33	mg/Kg	☆	12/05/24 10:11	12/06/24 16:50	5
Sodium	280	B	250	38	mg/Kg	☆	12/05/24 10:11	12/06/24 16:50	5
Thallium	0.56		0.51	0.25	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Vanadium	7.6		0.25	0.060	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	1
Zinc	110		1.0	0.45	mg/Kg	☆	12/05/24 10:11	12/05/24 21:01	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		12/06/24 14:14	12/09/24 18:46	1
Barium	0.23	J	0.50	0.050	mg/L		12/06/24 14:14	12/09/24 18:46	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/06/24 14:14	12/09/24 18:46	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		12/06/24 14:14	12/09/24 18:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Client Sample ID: RR-3(0-6)-120224

Lab Sample ID: 500-260866-6

Date Collected: 12/02/24 11:25

Matrix: Solid

Date Received: 12/02/24 16:55

Percent Solids: 92.3

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		12/06/24 14:14	12/09/24 18:46	1
Cobalt	0.011	J	0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:46	1
Copper	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:46	1
Iron	0.59		0.40	0.20	mg/L		12/06/24 14:14	12/09/24 18:46	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/06/24 14:14	12/09/24 18:46	1
Manganese	1.3		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:46	1
Nickel	0.021	J	0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:46	1
Selenium	<0.050		0.050	0.020	mg/L		12/06/24 14:14	12/09/24 18:46	1
Silver	<0.025		0.025	0.010	mg/L		12/06/24 14:14	12/09/24 18:46	1
Zinc	0.41	J	0.50	0.020	mg/L		12/06/24 14:14	12/09/24 18:46	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		12/09/24 14:38	12/10/24 18:54	1
Barium	<0.50		0.50	0.050	mg/L		12/09/24 14:38	12/10/24 18:54	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/09/24 14:38	12/11/24 13:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/09/24 14:38	12/10/24 18:54	1
Chromium	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:54	1
Cobalt	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:54	1
Copper	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:54	1
Iron	0.59		0.40	0.20	mg/L		12/09/24 14:38	12/11/24 13:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/09/24 14:38	12/10/24 18:54	1
Manganese	0.042		0.025	0.010	mg/L		12/09/24 14:38	12/11/24 13:11	1
Nickel	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:54	1
Selenium	<0.050		0.050	0.020	mg/L		12/09/24 14:38	12/10/24 18:54	1
Silver	<0.025		0.025	0.010	mg/L		12/09/24 14:38	12/10/24 18:54	1
Zinc	0.032	J	0.50	0.020	mg/L		12/09/24 14:38	12/10/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/09/24 12:25	12/10/24 09:20	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		12/10/24 10:25	12/11/24 10:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.017	0.0072	mg/Kg	☼	12/09/24 16:25	12/10/24 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			12/04/24 12:05	1

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

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

Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
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)

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-260866-1

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 734597

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slosers		Site Contact: S. House		Date: 12/2/24		COC No				
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Knapp		Carrier:		1 of COCs				
Address: 300 Knightsbridge Pkwy #360		Analysis Turnaround Time		500-260866 COC 		500-260866 COC		Sampler				
City/State/Zip: Lincolnshire, IL 60069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:				
Phone:		TAT if different from Below						Walk-In Client				
Fax:								Lab Sampling				
Project Name: 1-80 at Des Plaines River		☐ 2 weeks		Filtered Sample (Y/N)		Perform MS/MSD (Y/N)		Job / SDG No				
Site: Joliet, IL		☐ 1 week						500-260866				
PO# 02056.018.009		☐ 2 days										
		☐ 1 day										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	VOCs	SVOCs	Total Metals	TCR/SPUP metals	pH	Sample Specific Notes
1 CB-1(0-5)-120224		12/2/24	1000	G	S							
2 RR-1(0-5)-120224			1010									
3 BU-1(0-4)-120224			1035									
4 BU-2(0-4)-120224			1050									
5 RR-2(0-5)-120224			1110									
6 RR-3(0-6)-120224			1125									
7 RR-4(0-6)-120224			1145									
8 RR-5(0-5)-120224			1155									
9 RR-5(0-5)-120224			1205									
10 RR-6(0-4)-120224			1235									
11 RR-7(0-4)-120224			1245									
12 RR-8(0-4)-120224			1300									
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)						
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months						
Special Instructions/QC Requirements & Comments: Fe + Mn included												
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No						
Relinquished by: Stacy Thorne		Company: Weston Solutions		Date/Time: 12/2/24 1610		Received by: [Signature]		Company: [Signature]		Date/Time: 12/2/24 1610		
Relinquished by: [Signature]		Company: [Signature]		Date/Time: 12/2/24 1655		Received by: [Signature]		Company: [Signature]		Date/Time: 12/3/24 0750		
Relinquished by: [Signature]		Company: [Signature]		Date/Time: [Signature]		Received in Laboratory by: [Signature]		Company: [Signature]		Date/Time: [Signature]		

Chain of Custody Record 734597

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: <u>A. Slosers</u>		Site Contact: <u>S. House</u>		Date: <u>12/2/24</u>		COC No									
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>J. Knapp</u>		Carrier:		1 of COCs									
Address <u>300 Knightsbridge Pkwy #360</u>		Analysis Turnaround Time		Perform MS / MSD (Y / N)		 500-260866 COC		Sampler									
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:									
Phone		TAT if different from Below						Walk-In Client									
Fax								Lab Sampling									
Project Name <u>1-80 at Des Plaines River</u>		☐ 2 weeks		Filtered Sample (Y / N)		VOCs		SVOCs		Total Metals		TCR/SPUR metals		pH		Job / SDG No	
Site <u>Joliet, IL</u>		☐ 1 week														500-260866	
PO# <u>02056.018.009</u>		☐ 2 days															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes										
1	CB-1(0-5)-120224	12/2/24	1000	G	S												
2	RR-1(0-5)-120224		1010														
3	BU-1(0-4)-120224		1035														
4	BU-2(0-4)-120224		1050														
5	RR-2(0-5)-120224		1110														
6	RR-3(0-6)-120224		1125														
7	RR-4(0-6)-120224		1145														
8	RR-5(0-5)-120224		1155														
9	RR-5(0-5)-120224		1205														
10	RR-6(0-4)-120224		1235														
11	RR-7(0-4)-120224		1245														
12	RR-8(0-4)-120224		1300														
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other																	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample																	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown																	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																	
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months																	
Special Instructions/QC Requirements & Comments:																	
Fe + Mn included																	
Custody Seals Intact ☐ Yes ☐ No																	
Custody Seal No																	
G cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____																	
Relinquished by <u>Stacy Thorne</u>		Company <u>Weston Solutions</u>		Date/Time <u>12/2/24</u>		Received by <u>[Signature]</u>		Company <u>EE7A</u>		Date/Time <u>12/2/24</u>		1610					
Relinquished by <u>[Signature]</u>		Company <u>EE7A</u>		Date/Time <u>12/2/24</u>		Received by <u>[Signature]</u>		Company		Date/Time							
Relinquished by <u>[Signature]</u>		Company		Date/Time		Received in Laboratory by <u>[Signature]</u>		Company <u>EE7A</u>		Date/Time <u>12/3/24</u>		0750					

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/22/2025 3:47:55 PM

JOB DESCRIPTION

IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

JOB NUMBER

500-268196-1

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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5/22/2025 3:47:55 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 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-11(0-2)-051225

Lab Sample ID: 500-268196-5

Date Collected: 05/12/25 10:40

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 95.9

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	0.0081	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Bromomethane	<0.0048		0.0048	0.0024	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Carbon disulfide	<0.0048		0.0048	0.00088	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Carbon tetrachloride	<0.0019		0.0019	0.00065	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Chlorobenzene	<0.0019		0.0019	0.00081	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Chloroethane	<0.0048		0.0048	0.0016	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Chloromethane	<0.0048		0.0048	0.00093	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00077	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Dibromochloromethane	<0.0019		0.0019	0.00089	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,1-Dichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,2-Dichloroethane	<0.0048		0.0048	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,1-Dichloroethene	<0.0019		0.0019	0.00079	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00092	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
2-Hexanone	<0.0048		0.0048	0.0029	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Methylene Chloride	<0.0048		0.0048	0.0021	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Methyl Ethyl Ketone	<0.0048		0.0048	0.0021	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
methyl isobutyl ketone	<0.0048		0.0048	0.0034	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00062	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Styrene	<0.0019		0.0019	0.00086	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00095	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00073	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00092	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00078	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Trichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Vinyl chloride	<0.0019	+	0.0019	0.00078	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1
Xylenes, Total	<0.0038		0.0038	0.00066	mg/Kg	☆	05/13/25 19:45	05/14/25 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	05/13/25 19:45	05/14/25 13:33	1
Dibromofluoromethane (Surr)	98		75 - 126	05/13/25 19:45	05/14/25 13:33	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	05/13/25 19:45	05/14/25 13:33	1
Toluene-d8 (Surr)	104		75 - 124	05/13/25 19:45	05/14/25 13:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg	☆	05/16/25 07:22	05/16/25 14:27	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg	☆	05/16/25 07:22	05/16/25 14:27	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg	☆	05/16/25 07:22	05/16/25 14:27	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	05/16/25 07:22	05/16/25 14:27	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg	☆	05/16/25 07:22	05/16/25 14:27	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-11(0-2)-051225

Lab Sample ID: 500-268196-5

Date Collected: 05/12/25 10:40

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,4-Dimethylphenol	<0.33		0.33	0.075	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,4-Dinitrophenol	<0.68		0.68	0.19	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2,6-Dinitrotoluene	<0.17		0.17	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Chloronaphthalene	<0.17		0.17	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Methylnaphthalene	<0.068		0.068	0.0067	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
3 & 4 Methylphenol	<0.17		0.17	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4,6-Dinitro-2-methylphenol	<0.68		0.68	0.19	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Chloroaniline	<0.68		0.68	0.35	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
4-Nitrophenol	<0.68		0.68	0.36	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Acenaphthene	<0.033		0.033	0.0068	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Acenaphthylene	<0.033		0.033	0.0057	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Anthracene	<0.033		0.033	0.0069	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Benzo[a]anthracene	0.034		0.033	0.0071	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Benzo[a]pyrene	0.036		0.033	0.032	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Benzo[b]fluoranthene	0.066		0.033	0.032	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Benzo[g,h,i]perylene	0.030 J		0.033	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Benzo[k]fluoranthene	0.019 J		0.033	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Carbazole	<0.17		0.17	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Chrysene	0.041		0.033	0.0089	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Dibenz(a,h)anthracene	0.040		0.033	0.033	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Dimethyl phthalate	<0.17		0.17	0.0073	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Fluoranthene	0.064		0.033	0.0078	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Fluorene	<0.033		0.033	0.0099	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Hexachlorobenzene	<0.068		0.068	0.0064	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Hexachlorocyclopentadiene	<0.68		0.68	0.36	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-11(0-2)-051225

Lab Sample ID: 500-268196-5

Date Collected: 05/12/25 10:40

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.033		0.033	0.033	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Isophorone	<0.17		0.17	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Naphthalene	<0.033		0.033	0.0061	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
N-Nitrosodi-n-propylamine	<0.068		0.068	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
N-Nitrosodiphenylamine	<0.17		0.17	0.067	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Pentachlorophenol	<0.68		0.68	0.38	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Phenanthrene	0.020	J	0.033	0.0073	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Phenol	<0.17		0.17	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1
Pyrene	0.054		0.033	0.0092	mg/Kg	✱	05/16/25 07:22	05/16/25 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		31 - 143	05/16/25 07:22	05/16/25 14:27	1
2-Fluorobiphenyl (Surr)	72		43 - 145	05/16/25 07:22	05/16/25 14:27	1
2-Fluorophenol (Surr)	67		31 - 166	05/16/25 07:22	05/16/25 14:27	1
Nitrobenzene-d5 (Surr)	70		37 - 147	05/16/25 07:22	05/16/25 14:27	1
Phenol-d5 (Surr)	69		30 - 153	05/16/25 07:22	05/16/25 14:27	1
Terphenyl-d14 (Surr)	95		42 - 157	05/16/25 07:22	05/16/25 14:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2700		10	4.2	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Antimony	<1.0		1.0	0.20	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Arsenic	2.2		0.51	0.18	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Barium	16	B	2.6	0.29	mg/Kg	✱	05/13/25 17:23	05/15/25 23:21	5
Beryllium	0.21		0.21	0.048	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Cadmium	0.082	J	0.10	0.018	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Calcium	200000	B	210	35	mg/Kg	✱	05/13/25 17:23	05/15/25 23:26	20
Chromium	6.1		0.51	0.25	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Cobalt	1.9		0.26	0.067	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Copper	6.6		0.51	0.14	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Iron	7400		51	27	mg/Kg	✱	05/13/25 17:23	05/15/25 23:21	5
Lead	21		5.1	2.4	mg/Kg	✱	05/13/25 17:23	05/15/25 23:26	20
Magnesium	97000		26	13	mg/Kg	✱	05/13/25 17:23	05/15/25 23:21	5
Manganese	280		0.51	0.074	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Nickel	5.2		0.51	0.15	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Potassium	1200		26	9.1	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Selenium	<0.51		0.51	0.30	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Silver	0.79		0.26	0.066	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Sodium	210	B	51	7.6	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Thallium	0.85		0.51	0.26	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Vanadium	7.4		0.26	0.060	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1
Zinc	34		1.0	0.45	mg/Kg	✱	05/13/25 17:23	05/14/25 14:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:12	05/15/25 12:42	1
Barium	0.11		0.010	0.0012	mg/L		05/14/25 14:12	05/15/25 12:42	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:12	05/15/25 12:42	1
Cadmium	0.0014	J	0.0020	0.00043	mg/L		05/14/25 14:12	05/15/25 12:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-11(0-2)-051225

Lab Sample ID: 500-268196-5

Date Collected: 05/12/25 10:40

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/14/25 14:12	05/15/25 12:42	1
Cobalt	0.012		0.0050	0.00078	mg/L		05/14/25 14:12	05/15/25 12:42	1
Copper	0.0097	J B	0.010	0.0018	mg/L		05/14/25 14:12	05/15/25 12:42	1
Iron	0.65		0.40	0.082	mg/L		05/14/25 14:12	05/15/25 12:42	1
Lead	<0.0075		0.0075	0.0027	mg/L		05/14/25 14:12	05/15/25 12:42	1
Manganese	1.1		0.010	0.0023	mg/L		05/14/25 14:12	05/15/25 12:42	1
Nickel	0.0075	J	0.010	0.0048	mg/L		05/14/25 14:12	05/15/25 12:42	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:12	05/15/25 12:42	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:12	05/15/25 12:42	1
Zinc	0.050	J	0.50	0.0050	mg/L		05/14/25 14:12	05/15/25 12:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:14	05/15/25 17:41	1
Barium	0.014		0.010	0.0012	mg/L		05/14/25 14:14	05/15/25 17:41	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:14	05/16/25 21:01	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		05/14/25 14:14	05/15/25 17:41	1
Chromium	0.0080	J	0.010	0.0017	mg/L		05/14/25 14:14	05/15/25 17:41	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/14/25 14:14	05/15/25 17:41	1
Copper	0.010	B	0.010	0.0018	mg/L		05/14/25 14:14	05/15/25 17:41	1
Iron	1.6		0.40	0.082	mg/L		05/14/25 14:14	05/15/25 17:41	1
Lead	<0.0075		0.0075	0.0027	mg/L		05/14/25 14:14	05/15/25 17:41	1
Manganese	0.015		0.010	0.0023	mg/L		05/14/25 14:14	05/15/25 17:41	1
Nickel	<0.010		0.010	0.0048	mg/L		05/14/25 14:14	05/15/25 17:41	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:14	05/15/25 17:41	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:14	05/15/25 17:41	1
Zinc	<0.50		0.50	0.0050	mg/L		05/14/25 14:14	05/16/25 21:01	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		05/16/25 11:00	05/19/25 11:27	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/19/25 10:45	05/20/25 12:50	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0091	J	0.016	0.0067	mg/Kg	☼	05/20/25 15:15	05/21/25 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			05/15/25 10:29	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-13(0-2)-051225

Lab Sample ID: 500-268196-8

Date Collected: 05/12/25 11:30

Matrix: Solid

Date Received: 05/12/25 17:21

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	<0.022		0.022	0.0092	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Benzene	<0.0022		0.0022	0.00069	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Bromodichloromethane	<0.0022		0.0022	0.00070	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Bromoform	<0.0022		0.0022	0.0013	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Bromomethane	<0.0055		0.0055	0.0027	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Carbon disulfide	<0.0055		0.0055	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Carbon tetrachloride	<0.0022		0.0022	0.00075	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Chlorobenzene	<0.0022		0.0022	0.00093	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Chloroethane	<0.0055		0.0055	0.0018	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Chloroform	<0.0022		0.0022	0.0016	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Chloromethane	<0.0055		0.0055	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
cis-1,2-Dichloroethene	<0.0022		0.0022	0.00088	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
cis-1,3-Dichloropropene	<0.0022		0.0022	0.00088	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Dibromochloromethane	<0.0022		0.0022	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,1-Dichloroethane	<0.0022		0.0022	0.00083	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,2-Dichloroethane	<0.0055		0.0055	0.0014	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,1-Dichloroethene	<0.0022		0.0022	0.00090	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,2-Dichloropropane	<0.0022		0.0022	0.00057	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,3-Dichloropropene, Total	<0.0022		0.0022	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Ethylbenzene	<0.0022		0.0022	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
2-Hexanone	<0.0055		0.0055	0.0033	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Methylene Chloride	<0.0055		0.0055	0.0023	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Methyl Ethyl Ketone	<0.0055		0.0055	0.0024	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
methyl isobutyl ketone	<0.0055		0.0055	0.0039	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Methyl tert-butyl ether	<0.0022		0.0022	0.00071	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Styrene	<0.0022		0.0022	0.00099	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,1,2,2-Tetrachloroethane	<0.0022		0.0022	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Tetrachloroethene	<0.0022		0.0022	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Toluene	<0.0022		0.0022	0.00044	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
trans-1,2-Dichloroethene	<0.0022		0.0022	0.00083	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
trans-1,3-Dichloropropene	<0.0022		0.0022	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,1,1-Trichloroethane	<0.0022		0.0022	0.00089	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
1,1,2-Trichloroethane	<0.0022		0.0022	0.00082	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Trichloroethene	<0.0022		0.0022	0.00060	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Vinyl chloride	<0.0022	+	0.0022	0.00090	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1
Xylenes, Total	<0.0044		0.0044	0.00075	mg/Kg	☆	05/13/25 19:45	05/14/25 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	05/13/25 19:45	05/14/25 14:52	1
Dibromofluoromethane (Surr)	95		75 - 126	05/13/25 19:45	05/14/25 14:52	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	05/13/25 19:45	05/14/25 14:52	1
Toluene-d8 (Surr)	104		75 - 124	05/13/25 19:45	05/14/25 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.025	mg/Kg	☆	05/16/25 07:22	05/16/25 15:16	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg	☆	05/16/25 07:22	05/16/25 15:16	1
1,3-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	05/16/25 07:22	05/16/25 15:16	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	05/16/25 07:22	05/16/25 15:16	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.025	mg/Kg	☆	05/16/25 07:22	05/16/25 15:16	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-13(0-2)-051225

Lab Sample ID: 500-268196-8

Date Collected: 05/12/25 11:30

Matrix: Solid

Date Received: 05/12/25 17:21

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	<0.34		0.34	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,4,6-Trichlorophenol	<0.34		0.34	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,4-Dichlorophenol	<0.34		0.34	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,4-Dimethylphenol	<0.34		0.34	0.078	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,4-Dinitrophenol	<0.70		0.70	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,4-Dinitrotoluene	<0.17		0.17	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2,6-Dinitrotoluene	<0.17		0.17	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Chloronaphthalene	<0.17		0.17	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Methylnaphthalene	<0.070		0.070	0.0070	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Nitroaniline	<0.17		0.17	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
2-Nitrophenol	<0.34		0.34	0.023	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
3 & 4 Methylphenol	<0.17		0.17	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
3-Nitroaniline	<0.34		0.34	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4,6-Dinitro-2-methylphenol	<0.70		0.70	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Chloro-3-methylphenol	<0.34		0.34	0.029	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Chloroaniline	<0.70		0.70	0.36	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Nitroaniline	<0.34		0.34	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
4-Nitrophenol	<0.70		0.70	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Acenaphthene	<0.034		0.034	0.0070	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Acenaphthylene	<0.034		0.034	0.0059	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Anthracene	<0.034		0.034	0.0071	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Benzo[a]anthracene	0.033	J	0.034	0.0074	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Benzo[a]pyrene	0.038		0.034	0.033	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Benzo[b]fluoranthene	0.060		0.034	0.033	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Benzo[g,h,i]perylene	0.036		0.034	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Benzo[k]fluoranthene	0.018	J	0.034	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.14	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Carbazole	<0.17		0.17	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Chrysene	0.043		0.034	0.0091	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Dibenz(a,h)anthracene	0.042		0.034	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Diethyl phthalate	<0.17		0.17	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Dimethyl phthalate	<0.17		0.17	0.0075	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Di-n-octyl phthalate	<0.34		0.34	0.24	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Fluoranthene	0.080		0.034	0.0081	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Fluorene	<0.034		0.034	0.010	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Hexachlorobenzene	<0.070		0.070	0.0066	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Hexachlorobutadiene	<0.17		0.17	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Hexachlorocyclopentadiene	<0.70		0.70	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-13(0-2)-051225

Lab Sample ID: 500-268196-8

Date Collected: 05/12/25 11:30

Matrix: Solid

Date Received: 05/12/25 17:21

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	0.035		0.034	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Isophorone	<0.17		0.17	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Naphthalene	<0.034		0.034	0.0063	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Nitrobenzene	<0.034		0.034	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
N-Nitrosodi-n-propylamine	<0.070		0.070	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
N-Nitrosodiphenylamine	<0.17		0.17	0.069	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Pentachlorophenol	<0.70		0.70	0.39	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Phenanthrene	0.037		0.034	0.0075	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Phenol	<0.17		0.17	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1
Pyrene	0.062		0.034	0.0095	mg/Kg	✱	05/16/25 07:22	05/16/25 15:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	88		31 - 143	05/16/25 07:22	05/16/25 15:16	1
2-Fluorobiphenyl (Surr)	72		43 - 145	05/16/25 07:22	05/16/25 15:16	1
2-Fluorophenol (Surr)	68		31 - 166	05/16/25 07:22	05/16/25 15:16	1
Nitrobenzene-d5 (Surr)	73		37 - 147	05/16/25 07:22	05/16/25 15:16	1
Phenol-d5 (Surr)	70		30 - 153	05/16/25 07:22	05/16/25 15:16	1
Terphenyl-d14 (Surr)	94		42 - 157	05/16/25 07:22	05/16/25 15:16	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2600		10	4.2	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Antimony	<1.0		1.0	0.20	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Arsenic	4.3		0.51	0.17	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Barium	8.6	B	2.6	0.29	mg/Kg	✱	05/13/25 17:23	05/15/25 23:39	5
Beryllium	0.21		0.20	0.048	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Cadmium	<0.10		0.10	0.018	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Calcium	220000	B	200	35	mg/Kg	✱	05/13/25 17:23	05/15/25 23:43	20
Chromium	5.7		0.51	0.25	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Cobalt	2.3		0.26	0.067	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Copper	3.2		0.51	0.14	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Iron	8400		51	27	mg/Kg	✱	05/13/25 17:23	05/15/25 23:39	5
Lead	11		5.1	2.4	mg/Kg	✱	05/13/25 17:23	05/15/25 23:43	20
Magnesium	100000		26	13	mg/Kg	✱	05/13/25 17:23	05/15/25 23:39	5
Manganese	270		0.51	0.074	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Nickel	6.9		0.51	0.15	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Potassium	1400		26	9.0	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Selenium	<0.51		0.51	0.30	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Silver	0.92		0.26	0.066	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Sodium	210	B	51	7.6	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Thallium	0.59		0.51	0.25	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Vanadium	7.1		0.26	0.060	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1
Zinc	16		1.0	0.45	mg/Kg	✱	05/13/25 17:23	05/14/25 15:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:12	05/15/25 13:05	1
Barium	0.058		0.010	0.0012	mg/L		05/14/25 14:12	05/15/25 13:05	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:12	05/15/25 13:05	1
Cadmium	0.00095	J	0.0020	0.00043	mg/L		05/14/25 14:12	05/15/25 13:05	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RR-13(0-2)-051225

Lab Sample ID: 500-268196-8

Date Collected: 05/12/25 11:30

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 95.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/14/25 14:12	05/15/25 13:05	1
Cobalt	0.022		0.0050	0.00078	mg/L		05/14/25 14:12	05/15/25 13:05	1
Copper	0.0071	J B	0.010	0.0018	mg/L		05/14/25 14:12	05/15/25 13:05	1
Iron	1.4		0.40	0.082	mg/L		05/14/25 14:12	05/15/25 13:05	1
Lead	<0.0075		0.0075	0.0027	mg/L		05/14/25 14:12	05/15/25 13:05	1
Manganese	1.2		0.010	0.0023	mg/L		05/14/25 14:12	05/15/25 13:05	1
Nickel	0.019		0.010	0.0048	mg/L		05/14/25 14:12	05/15/25 13:05	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:12	05/15/25 13:05	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:12	05/15/25 13:05	1
Zinc	0.025	J	0.50	0.0050	mg/L		05/14/25 14:12	05/15/25 13:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:14	05/15/25 18:03	1
Barium	0.023		0.010	0.0012	mg/L		05/14/25 14:14	05/15/25 18:03	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:14	05/16/25 21:23	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		05/14/25 14:14	05/15/25 18:03	1
Chromium	0.014		0.010	0.0017	mg/L		05/14/25 14:14	05/15/25 18:03	1
Cobalt	0.0016	J	0.0050	0.00078	mg/L		05/14/25 14:14	05/15/25 18:03	1
Copper	0.0068	J B	0.010	0.0018	mg/L		05/14/25 14:14	05/15/25 18:03	1
Iron	2.9		0.40	0.082	mg/L		05/14/25 14:14	05/15/25 18:03	1
Lead	0.0046	J	0.0075	0.0027	mg/L		05/14/25 14:14	05/15/25 18:03	1
Manganese	0.058		0.010	0.0023	mg/L		05/14/25 14:14	05/15/25 18:03	1
Nickel	0.0058	J	0.010	0.0048	mg/L		05/14/25 14:14	05/15/25 18:03	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:14	05/15/25 18:03	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:14	05/15/25 18:03	1
Zinc	0.0075	J	0.50	0.0050	mg/L		05/14/25 14:14	05/16/25 21:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/16/25 11:00	05/19/25 11:34	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/19/25 10:45	05/20/25 12:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0074	J	0.015	0.0064	mg/Kg	☼	05/20/25 15:15	05/21/25 13:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.2		0.2	0.2	SU			05/15/25 10:39	1

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Definitions/Glossary

Client: Weston Solutions Inc

Job ID: 500-268196-1

Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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.
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 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

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	100201	05-31-26

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 736104

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>A. Slesers</u>		Site Contact <u>S. House</u>		Date <u>5/12/25</u>		COC No		
Company Name <u>Weston Solutions</u>		Tel/Email		Lab Contact <u>J. Knapp</u>		Carrier		1 of COCs		
Address <u>300 knights bridge pkwy #360</u>		Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS		Filtered Sample (Y/N)		Perform MS / MSD (Y/N)		500-268196 COC		
City/State/Zip <u>Lincolnshire, IL 60069</u>										
Phone		TAT if different from Below		<u>VOCs</u> <u>SVOCs</u> <u>Total Metals</u> <u>Trace Metals</u> <u>pH</u>				Sampler		
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						For Lab Use Only.		
Project Name <u>180 at Des Plaines River</u>								Walk in Client		
Site <u>Idriest, IL</u>								Lab Sampling		
PO# <u>02056.018.009</u>								Job / SDG No <u>500-268196</u>		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
RB-20(0-3)-051225		5/12	0815	G	S					
R-4(0-4)-051225			0910							
R-4(0-4)-051225D			0910							
R-4(4-8)-051225			0915							
R-11(0-2)-051225			1040							
R-12(0-2)-051225			1100							
RV-28(0-5)-051225			1225							
RR-13(0-2)-051225			1130							
RV-27(0-5)-051225			1300							
RV-29(0-4)-051225			1335							
RV-29(4-8)-051225			1340							
RV-30(0-4)-051225			1400							
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)				
☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>Fe + Mn included</u> <u>5.7+5.3, 3.1+2.7</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>[Signature]</u>		Company <u>Weston Solutions</u>		Date/Time <u>5/12/25 1400</u>		Received by <u>[Signature]</u>		Company <u>EETA</u>		
Relinquished by <u>[Signature]</u>		Company <u>EETA</u>		Date/Time <u>5/12/25 1721</u>		Received by		Company		
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EETA</u>		
								Date/Time <u>6/13/25 0800</u>		



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

Residential Buildings (ISGS Site No. 2233V3-184)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.51396 Longitude: -88.08384

(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.): 61

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 RB-18, RB-19 and RB-20 were sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB IDs: 500-261003-1, and 500-268196-1. ALSO SEE FIGURE 4-17 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))

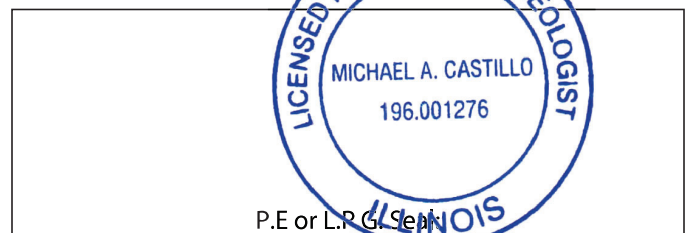
Company Name: Weston Solutions, Inc.
Street Address: 300 Knightsbridge Parkway; Suite 360
City: Lincolnshire State: IL Zip Code: 60069
Phone: (224) 864-7200

Michael A. Castillo, P.G.

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Date: _____



Summary Table - Residential Buildings (ISGS Site No. 2233V3-184)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	RB-18	RB-19	RB-20
Sample Date		12/4/2024	12/4/2024	5/12/2025
Field Sample ID		RB-18(0-2)- 120424	RB-19(0-3)- 120424	RB-20(0-3)- 051225
ISGS Site No.		2233V3-184	2233V3-184	2233V3-184
Laboratory pH	<6.25, >9.0	7.3	7.2	7.4
VOCs (mg/kg)				
SVOCs (mg/kg)				
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.74	0.84	0.053
Benzo(b)fluoranthene	0.9 / 1.5 / 2.1	1.1	1.2	0.079
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	0.1	0.15	0.047
Total Metals (mg/kg)				
Aluminum, Total	--- / ---	7700	3700	6200
Antimony, Total	5	ND	ND	ND
Arsenic, Total	11.3 / 13.0	5.5	4.2	4.2
Barium, Total	1500	65	31	42 B
Beryllium, Total	22	0.59 J	0.39	0.43
Cadmium, Total	5.2	0.64	0.43	0.14
Calcium, Total	--- / ---	59000 B	150000 B	130000 B
Chromium, Total	21	11	7.7	8.1
Cobalt, Total	20	5.9	4.2	4.4
Copper, Total	2900	17	14	6.2
Iron, Total	15000 / 15900	12000	12000	11000
Lead, Total	107	58	42	17
Magnesium, Total	325000	24000 B	100000 B	72000
Manganese, Total	630 / 636	490	380	390
Mercury, Total	0.89	0.052	0.033	0.034
Nickel, Total	100	17	11	15
Potassium, Total	--- / ---	1300	960	1300
Selenium, Total	1.3	0.58 J	0.44 J	ND
Silver, Total	4.4	0.26 J	0.24 J	1.9
Sodium, Total	--- / ---	460 B	220 J	900 B
Thallium, Total	2.6	ND	ND	1.2
Vanadium, Total	550	18	12	24
Zinc, Total	5100	120	95	45
TCLP Metals (mg/l)				
Arsenic, TCLP	0.05	ND	ND	ND
Barium, TCLP	2	0.6	0.34 J	0.23
Beryllium, TCLP	0.004	ND	ND	ND
Cadmium, TCLP	0.005	0.0086	0.0047 J	0.0029
Chromium, TCLP	0.1	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND
Iron, TCLP	5	2.2	1.2	ND
Lead, TCLP	0.0075	0.017	ND	0.0036 J
Manganese, TCLP	0.15	0.41	0.94	0.61
Mercury, TCLP	0.002	ND	ND	ND
Nickel, TCLP	0.1	0.011 J	0.017 J	0.0063 J
Selenium, TCLP	0.05	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND
Zinc, TCLP	5	0.24 J	0.28 J	0.072 J
SPLP Metals (mg/l)				
Arsenic, SPLP	0.05	ND	ND	0.013
Barium, SPLP	2	0.69	0.13 J	0.26
Beryllium, SPLP	0.004	0.0044	ND	0.0024 J
Cadmium, SPLP	0.005	0.0096	ND	ND
Chromium, SPLP	0.1	0.014 J	ND	0.068
Cobalt, SPLP	1	ND	ND	0.009
Copper, SPLP	0.65	0.055	0.027	0.028 J
Iron, SPLP	5	11	4.4	48
Lead, SPLP	0.0075	0.15	0.083	0.041
Manganese, SPLP	0.15	0.7	0.46	0.72
Mercury, SPLP	0.002	ND	ND	ND
Nickel, SPLP	0.1	0.028	0.012 J	0.04
Selenium, SPLP	0.05	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND
Zinc, SPLP	5	0.6	0.14 J	0.2 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background values for MSA counties, as
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
 Yellow 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 12/13/2024 6:33:36 PM

JOB DESCRIPTION

IDOT- WO 009 I-80 at Des Plaines River

JOB NUMBER

500-261003-1

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
12/13/2024 6:33:36 PM

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

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-18(0-2)-120424

Lab Sample ID: 500-261003-4

Date Collected: 12/04/24 10:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 79.1

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	☆	12/04/24 18:10	12/06/24 13:56	1
Benzene	<0.0017		0.0017	0.00052	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Bromodichloromethane	<0.0017		0.0017	0.00053	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Bromoform	<0.0017		0.0017	0.00097	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Carbon disulfide	<0.0042		0.0042	0.00077	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Carbon tetrachloride	<0.0017		0.0017	0.00057	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Chlorobenzene	<0.0017		0.0017	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Chloromethane	<0.0042		0.0042	0.00081	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00067	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Dibromochloromethane	<0.0017		0.0017	0.00077	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00080	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
2-Hexanone	<0.0042		0.0042	0.0025	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0018	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
methyl isobutyl ketone	<0.0042		0.0042	0.0030	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Styrene	<0.0017		0.0017	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00063	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00080	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00067	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00062	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Trichloroethene	<0.0017		0.0017	0.00045	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Vinyl chloride	<0.0017	+	0.0017	0.00068	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1
Xylenes, Total	<0.0033		0.0033	0.00057	mg/Kg	☆	12/04/24 18:10	12/06/24 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		75 - 131	12/04/24 18:10	12/06/24 13:56	1
Dibromofluoromethane (Surr)	107		75 - 126	12/04/24 18:10	12/06/24 13:56	1
1,2-Dichloroethane-d4 (Surr)	105		70 - 134	12/04/24 18:10	12/06/24 13:56	1
Toluene-d8 (Surr)	95		75 - 124	12/04/24 18:10	12/06/24 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.42		0.42	0.059	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
1,2-Dichlorobenzene	<0.42	*3	0.42	0.034	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
1,3-Dichlorobenzene	<0.42	*3	0.42	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
1,4-Dichlorobenzene	<0.42	*3	0.42	0.039	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,2'-oxybis[1-chloropropane]	<0.42	*3	0.42	0.060	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-18(0-2)-120424

Lab Sample ID: 500-261003-4

Date Collected: 12/04/24 10:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.83		0.83	0.031	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,4,6-Trichlorophenol	<0.83		0.83	0.028	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,4-Dichlorophenol	<0.83		0.83	0.029	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,4-Dimethylphenol	<0.83		0.83	0.19	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,4-Dinitrophenol	<1.7		1.7	0.48	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,4-Dinitrotoluene	<0.42		0.42	0.047	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2,6-Dinitrotoluene	<0.42		0.42	0.028	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Chloronaphthalene	<0.42		0.42	0.031	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Chlorophenol	<0.42	*3	0.42	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Methylnaphthalene	0.037	J	0.17	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Methylphenol	<0.42	*3	0.42	0.044	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Nitroaniline	<0.42		0.42	0.045	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
2-Nitrophenol	<0.83		0.83	0.056	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
3 & 4 Methylphenol	<0.42	*3	0.42	0.061	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
3,3'-Dichlorobenzidine	<0.42		0.42	0.068	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
3-Nitroaniline	<0.83		0.83	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4,6-Dinitro-2-methylphenol	<1.7		1.7	0.47	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Bromophenyl phenyl ether	<0.42		0.42	0.057	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Chloro-3-methylphenol	<0.83		0.83	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Chloroaniline	<1.7		1.7	0.87	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Chlorophenyl phenyl ether	<0.42		0.42	0.11	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Nitroaniline	<0.83		0.83	0.061	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
4-Nitrophenol	<1.7		1.7	0.31	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Acenaphthene	0.020	J	0.083	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Acenaphthylene	0.026	J	0.083	0.014	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Anthracene	0.089		0.083	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Benzo[a]anthracene	0.52		0.083	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Benzo[a]pyrene	0.74		0.083	0.080	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Benzo[b]fluoranthene	1.1		0.083	0.079	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Benzo[g,h,i]perylene	0.52		0.083	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Benzo[k]fluoranthene	0.40		0.083	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Bis(2-chloroethoxy)methane	<0.42		0.42	0.031	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Bis(2-chloroethyl)ether	<0.42	*3	0.42	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Bis(2-ethylhexyl) phthalate	<0.42		0.42	0.33	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Butyl benzyl phthalate	<0.42		0.42	0.041	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Carbazole	0.074	J	0.42	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Chrysene	0.79		0.083	0.022	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Dibenz(a,h)anthracene	0.10		0.083	0.083	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Dibenzofuran	<0.42		0.42	0.030	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Diethyl phthalate	<0.42		0.42	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Dimethyl phthalate	<0.42		0.42	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Di-n-butyl phthalate	<0.42		0.42	0.026	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Di-n-octyl phthalate	<0.83		0.83	0.58	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Fluoranthene	1.3		0.083	0.019	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Fluorene	<0.083		0.083	0.025	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Hexachlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Hexachlorobutadiene	<0.42		0.42	0.047	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Hexachlorocyclopentadiene	<1.7		1.7	0.88	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Hexachloroethane	<0.42	*3	0.42	0.042	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-18(0-2)-120424

Lab Sample ID: 500-261003-4

Date Collected: 12/04/24 10:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 79.1

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	0.56		0.083	0.081	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Isophorone	<0.42		0.42	0.043	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Naphthalene	<0.083		0.083	0.015	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Nitrobenzene	<0.083		0.083	0.026	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
N-Nitrosodi-n-propylamine	<0.17	*3	0.17	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
N-Nitrosodiphenylamine	<0.42		0.42	0.049	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Pentachlorophenol	<1.7		1.7	0.21	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Phenanthrene	0.47		0.083	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Phenol	<0.42	*3	0.42	0.036	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Pyrene	1.1		0.083	0.023	mg/Kg	☆	12/05/24 15:01	12/06/24 18:38	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		31 - 143				12/05/24 15:01	12/06/24 18:38	2
2-Fluorobiphenyl (Surr)	83		43 - 145				12/05/24 15:01	12/06/24 18:38	2
2-Fluorophenol (Surr)	75	*3	31 - 166				12/05/24 15:01	12/06/24 18:38	2
Nitrobenzene-d5 (Surr)	77		37 - 147				12/05/24 15:01	12/06/24 18:38	2
Phenol-d5 (Surr)	78	*3	30 - 153				12/05/24 15:01	12/06/24 18:38	2
Terphenyl-d14 (Surr)	85		42 - 157				12/05/24 15:01	12/06/24 18:38	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7700		12	5.1	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Antimony	<1.2		1.2	0.24	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Arsenic	5.5		0.62	0.21	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Barium	65		0.62	0.071	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Beryllium	0.59	J	1.2	0.29	mg/Kg	☆	12/09/24 16:32	12/11/24 18:39	5
Cadmium	0.64		0.12	0.022	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Calcium	59000	B	62	10	mg/Kg	☆	12/09/24 16:32	12/11/24 18:39	5
Chromium	11		0.62	0.31	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Cobalt	5.9		0.31	0.081	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Copper	17		0.62	0.17	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Iron	12000		12	6.4	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Lead	58		0.31	0.14	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Magnesium	24000	B	6.2	3.1	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Manganese	490		0.62	0.090	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Nickel	17		0.62	0.18	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Potassium	1300		31	11	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Selenium	0.58	J	0.62	0.36	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Silver	0.26	J	0.31	0.080	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Sodium	460	B	62	9.2	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Thallium	<0.62		0.62	0.31	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Vanadium	18		0.31	0.073	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1
Zinc	120		1.2	0.54	mg/Kg	☆	12/09/24 16:32	12/10/24 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Barium	0.60		0.50	0.050	mg/L		12/10/24 14:15	12/11/24 18:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:15	12/11/24 18:07	1
Cadmium	0.0086		0.0050	0.0020	mg/L		12/10/24 14:15	12/11/24 18:07	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-18(0-2)-120424

Lab Sample ID: 500-261003-4

Date Collected: 12/04/24 10:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Copper	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Iron	2.2		0.40	0.20	mg/L		12/10/24 14:15	12/11/24 18:07	1
Lead	0.017		0.0075	0.0075	mg/L		12/10/24 14:15	12/11/24 18:07	1
Manganese	0.41		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Nickel	0.011	J	0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:15	12/11/24 18:07	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:07	1
Zinc	0.24	J	0.50	0.020	mg/L		12/10/24 14:15	12/11/24 18:07	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		12/10/24 14:19	12/11/24 22:09	1
Barium	0.69		0.50	0.050	mg/L		12/10/24 14:19	12/11/24 22:09	1
Beryllium	0.0044		0.0040	0.0040	mg/L		12/10/24 14:19	12/11/24 22:09	1
Cadmium	0.0096		0.0050	0.0020	mg/L		12/10/24 14:19	12/11/24 22:09	1
Chromium	0.014	J	0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Copper	0.055		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Iron	11		0.40	0.20	mg/L		12/10/24 14:19	12/11/24 22:09	1
Lead	0.15		0.0075	0.0075	mg/L		12/10/24 14:19	12/11/24 22:09	1
Manganese	0.70		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Nickel	0.028		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:19	12/11/24 22:09	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:09	1
Zinc	0.60		0.50	0.020	mg/L		12/10/24 14:19	12/11/24 22:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 10:44	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 09:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.052		0.020	0.0082	mg/Kg	☼	12/12/24 16:20	12/13/24 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.3		0.2	0.2	SU			12/05/24 17:28	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-19(0-3)-120424

Lab Sample ID: 500-261003-5

Date Collected: 12/04/24 10:10

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 89.1

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	☆	12/04/24 18:10	12/06/24 14:21	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Carbon disulfide	<0.0047		0.0047	0.00086	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Carbon tetrachloride	<0.0019		0.0019	0.00063	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Chlorobenzene	<0.0019		0.0019	0.00079	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Chloromethane	<0.0047		0.0047	0.00090	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Dibromochloromethane	<0.0019		0.0019	0.00086	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,1-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00089	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
2-Hexanone	<0.0047		0.0047	0.0028	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0020	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
methyl isobutyl ketone	<0.0047		0.0047	0.0033	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00092	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Toluene	<0.0019		0.0019	0.00037	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00089	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Vinyl chloride	<0.0019	+	0.0019	0.00076	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	☆	12/04/24 18:10	12/06/24 14:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	12/04/24 18:10	12/06/24 14:21	1
Dibromofluoromethane (Surr)	103		75 - 126	12/04/24 18:10	12/06/24 14:21	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	12/04/24 18:10	12/06/24 14:21	1
Toluene-d8 (Surr)	95		75 - 124	12/04/24 18:10	12/06/24 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.36		0.36	0.052	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
1,2-Dichlorobenzene	<0.36		0.36	0.029	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
1,3-Dichlorobenzene	<0.36		0.36	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
1,4-Dichlorobenzene	<0.36		0.36	0.034	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,2'-oxybis[1-chloropropane]	<0.36		0.36	0.052	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-19(0-3)-120424

Lab Sample ID: 500-261003-5

Date Collected: 12/04/24 10:10

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.72		0.72	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,4,6-Trichlorophenol	<0.72		0.72	0.025	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,4-Dichlorophenol	<0.72		0.72	0.025	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,4-Dimethylphenol	<0.72		0.72	0.16	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,4-Dinitrotoluene	<0.36		0.36	0.041	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2,6-Dinitrotoluene	<0.36		0.36	0.025	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Chloronaphthalene	<0.36		0.36	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Chlorophenol	<0.36		0.36	0.023	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Methylnaphthalene	<0.15		0.15	0.014	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Methylphenol	<0.36		0.36	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Nitroaniline	<0.36		0.36	0.039	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
2-Nitrophenol	<0.72		0.72	0.049	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
3 & 4 Methylphenol	<0.36		0.36	0.053	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
3,3'-Dichlorobenzidine	<0.36		0.36	0.059	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
3-Nitroaniline	<0.72		0.72	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Bromophenyl phenyl ether	<0.36		0.36	0.049	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Chloro-3-methylphenol	<0.72		0.72	0.028	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Chloroaniline	<1.5		1.5	0.76	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Chlorophenyl phenyl ether	<0.36		0.36	0.095	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Nitroaniline	<0.72		0.72	0.053	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
4-Nitrophenol	<1.5		1.5	0.27	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Acenaphthene	<0.072		0.072	0.015	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Acenaphthylene	<0.072		0.072	0.012	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Anthracene	0.20		0.072	0.015	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Benzo[a]anthracene	0.67		0.072	0.015	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Benzo[a]pyrene	0.84		0.072	0.070	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Benzo[b]fluoranthene	1.2		0.072	0.069	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Benzo[g,h,i]perylene	0.56		0.072	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Benzo[k]fluoranthene	0.50		0.072	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Bis(2-chloroethoxy)methane	<0.36		0.36	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Bis(2-chloroethyl)ether	<0.36		0.36	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Bis(2-ethylhexyl) phthalate	<0.36		0.36	0.28	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Butyl benzyl phthalate	<0.36		0.36	0.036	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Carbazole	0.11 J		0.36	0.028	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Chrysene	0.81		0.072	0.019	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Dibenz(a,h)anthracene	0.15		0.072	0.072	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Dibenzofuran	<0.36		0.36	0.026	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Diethyl phthalate	<0.36		0.36	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Dimethyl phthalate	<0.36		0.36	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Di-n-butyl phthalate	<0.36		0.36	0.023	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Di-n-octyl phthalate	<0.72		0.72	0.50	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Fluoranthene	1.8		0.072	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Fluorene	0.048 J		0.072	0.021	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Hexachlorobutadiene	<0.36		0.36	0.041	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Hexachlorocyclopentadiene	<1.5		1.5	0.77	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Hexachloroethane	<0.36		0.36	0.036	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-19(0-3)-120424

Lab Sample ID: 500-261003-5

Date Collected: 12/04/24 10:10

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 89.1

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	0.56		0.072	0.070	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Isophorone	<0.36		0.36	0.037	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Naphthalene	<0.072		0.072	0.013	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Nitrobenzene	<0.072		0.072	0.023	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.014	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
N-Nitrosodiphenylamine	<0.36		0.36	0.043	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Pentachlorophenol	<1.5		1.5	0.18	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Phenanthrene	0.83		0.072	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Phenol	<0.36		0.36	0.031	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Pyrene	1.4		0.072	0.020	mg/Kg	☆	12/05/24 15:01	12/06/24 19:02	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	70		31 - 143				12/05/24 15:01	12/06/24 19:02	2
2-Fluorobiphenyl (Surr)	69		43 - 145				12/05/24 15:01	12/06/24 19:02	2
2-Fluorophenol (Surr)	71		31 - 166				12/05/24 15:01	12/06/24 19:02	2
Nitrobenzene-d5 (Surr)	65		37 - 147				12/05/24 15:01	12/06/24 19:02	2
Phenol-d5 (Surr)	70		30 - 153				12/05/24 15:01	12/06/24 19:02	2
Terphenyl-d14 (Surr)	74		42 - 157				12/05/24 15:01	12/06/24 19:02	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3700		11	4.4	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Arsenic	4.2		0.54	0.19	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Barium	31		0.54	0.062	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Beryllium	0.39		0.22	0.051	mg/Kg	☆	12/09/24 16:32	12/11/24 18:44	1
Cadmium	0.43		0.11	0.020	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Calcium	150000	B	110	18	mg/Kg	☆	12/09/24 16:32	12/11/24 18:57	10
Chromium	7.7		0.54	0.27	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Cobalt	4.2		0.27	0.071	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Copper	14		0.54	0.15	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Iron	12000		11	5.6	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Lead	42		0.27	0.13	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Magnesium	100000	B	54	27	mg/Kg	☆	12/09/24 16:32	12/11/24 18:57	10
Manganese	380		0.54	0.079	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Nickel	11		0.54	0.16	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Potassium	960		27	9.6	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Selenium	0.44	J	0.54	0.32	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Silver	0.24	J	0.27	0.070	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Sodium	220	B	54	8.0	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Thallium	<0.54		0.54	0.27	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Vanadium	12		0.27	0.064	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	1
Zinc	95		1.1	0.48	mg/Kg	☆	12/09/24 16:32	12/10/24 18:14	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		12/10/24 14:15	12/11/24 18:12	1
Barium	0.34	J	0.50	0.050	mg/L		12/10/24 14:15	12/11/24 18:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:15	12/11/24 18:12	1
Cadmium	0.0047	J	0.0050	0.0020	mg/L		12/10/24 14:15	12/11/24 18:12	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: RB-19(0-3)-120424

Lab Sample ID: 500-261003-5

Date Collected: 12/04/24 10:10

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Copper	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Iron	1.2		0.40	0.20	mg/L		12/10/24 14:15	12/11/24 18:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/10/24 14:15	12/11/24 18:12	1
Manganese	0.94		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Nickel	0.017	J	0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:15	12/11/24 18:12	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:12	1
Zinc	0.28	J	0.50	0.020	mg/L		12/10/24 14:15	12/11/24 18:12	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		12/10/24 14:19	12/11/24 22:13	1
Barium	0.13	J	0.50	0.050	mg/L		12/10/24 14:19	12/11/24 22:13	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:19	12/11/24 22:13	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/10/24 14:19	12/11/24 22:13	1
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Copper	0.027		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Iron	4.4		0.40	0.20	mg/L		12/10/24 14:19	12/11/24 22:13	1
Lead	0.083		0.0075	0.0075	mg/L		12/10/24 14:19	12/11/24 22:13	1
Manganese	0.46		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Nickel	0.012	J	0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:19	12/11/24 22:13	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:13	1
Zinc	0.14	J	0.50	0.020	mg/L		12/10/24 14:19	12/11/24 22:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 10:51	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 09:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.033		0.017	0.0069	mg/Kg	☼	12/12/24 16:20	12/13/24 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.2		0.2	0.2	SU			12/05/24 17:31	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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

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Definitions/Glossary

Client: Weston Solutions Inc

Job ID: 500-261003-1

Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Glossary (Continued)

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

1

2

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

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 734601

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager: <u>A. Stebens</u>		Site Contact: <u>S. Howe</u>		Date: <u>12/4/24</u>		COC No		
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>S. Knapp</u>		Carrier:		1 of COCs		
Address <u>300 Knightbridge Plany #3100</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs PAHs PCBs PCP/SLP Metals pH		 500-261003 COC		Sampler		
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:		
Phone		TAT if different from Below _____						Walk-in Client		
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling		
Project Name <u>1-80 at Des Plaines River</u>								Job / SDG No		
Site <u>Delich IL</u>								<u>500-261003# 12/4/24</u>		
P O # <u>02056018.009</u>								<u>500-261003</u>		
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
1 RB-15(0-2)-120424	12/4/24	0925	G	S			X	X	X	
2 RB-16(0-2)-120424		0935								
3 RB-17(0-2)-120424		0945								
4 RB-18(0-2)-120424		1000								
5 RB-19(0-3)-120424		1016								
6 RB-14(0-3)-120424		1040								
7 RB-12(0-2)-120424		1050								
8 RB-5(0-3)-120424		1200								
9 RB-5(0-3)-120424		1200								
10 RB-13(0-3)-120424		1210								
11 RB-4(0-2)-120424		1235								
12 R-4(0-3)-120424		1300								
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4= HNO3; 5= NaOH; 6= Other						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)				
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months				
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown										
Special Instructions/QC Requirements & Comments: <u>Mn & Fe included</u>						<u>04 12/4/24</u> <u>4.1 → 3.7</u> <u>5.2 → 4.8</u> <u>480T</u>				
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>Stacy Howe</u>		Company <u>Weston Solutions</u>		Date/Time <u>12/4/24</u>		Received by <u>J. Elhar</u>		Company <u>EEIA</u>		
Relinquished by <u>J. Elhar</u>		Company <u>EEIA</u>		Date/Time <u>12/4/24</u>		Received by		Company		
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EEIA</u>		
								Date/Time <u>12/4/24</u>		

Chain of Custody Record 734595

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Siders		Site Contact: S. House		Date: 12/4/24		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Krapp		Carrier:		2 of COCs	
Address: 200 Knightsbridge Plaza #340		Analysis Turnaround Time						Sampler	
City/State/Zip: Lincolnshire, IL 60089		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone:		TAT if different from Below						Walk-in Client	
Fax:		☐ 2 weeks						Lab Sampling	
Project Name: 18024 Des Plaines River		☐ 1 week						Job / SDG No	
Site: J. Krapp, IL		☐ 2 days						500-261003	
PO# 02056.018.009		☐ 1 day						Sample Specific Notes	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	
13	RV-26(0-3)-120424	12/4/24	1330	G	S				
14	RV-1(0-4)-120424		1510						
15	R-2(0-2)-120424		1520						
16	R-3(0-2)-120424		1530						
17	R-1(0-2)-120424		1540						
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)			
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments: Include Fe + Mn									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd 4.1 → 3.7		Therm ID No 480T			
Relinquished by: [Signature]		Company: Weston Solutions		Date/Time: 12/4/24		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/4/24 1705		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/4/24 1705		Received in Laboratory by: [Signature]		Company: EETA	



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

Residences (ISGS Site Nos. 2233V3-196)

City: Various State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.51038 Longitude: - 88.08902

(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.): 1,323

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 R-3, R-4, RV-30, RV-32, and RV-33 were sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB IDs: 500-261003-1, 500-268196-1, and 500-268243-1. ALSO SEE FIGURES 4-2, 4-7, 4-11, and 4-15 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

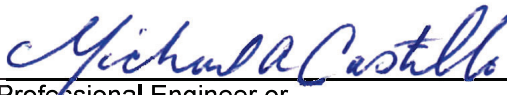
I, Michael A. Castillo, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with 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))

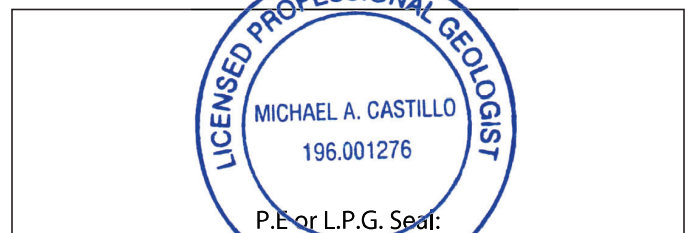
Company Name: Weston Solutions, Inc.
Street Address: 300 Knightsbridge Parkway; Suite 360
City: Lincolnshire State: IL Zip Code: 60069
Phone: (224) 864-7200

Michael A. Castillo, P.G.

Printed Name:


Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Date:



Summary Table - Residences (ISGS Site No. 2233V3-196)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	R-3	R-4	R-4	R-4	R-4	RV-30	RV-30	RV-32	RV-33	RV-33
Sample Date		12/4/2024	12/4/2024	5/12/2025	5/12/2025	5/12/2025	5/12/2025	5/12/2025	5/13/2025	5/12/2025	5/12/2025
Field Sample ID		R-3(0-2)-120424	R-4(0-3)-120424	R-4(0-4)-051225	R-4(0-4)-051225D	R-4(4-8)-051225	RV-30(0-4)-051225	RV-30(4-6)-051225	RV-32(0-4)-051325	RV-33(0-4)-051225	RV-33(4-8)-051225
ISGS Site No.		2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196	2233V3-196
Laboratory pH	<6.25, >9.0	7.5	8.1	7.4	7.7	9.0	8.1	8.4	7.5	7.6	7.2
VOCs (mg/kg)											
SVOCs (mg/kg)											
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.085	0.11 J	0.12	0.06	ND	0.12	ND	0.082	ND	ND
Total Metals (mg/kg)											
Aluminum, Total	--- / ---	7500	8400	8100	7300	2500	6000	3100	3700	11000	7600
Antimony, Total	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic, Total	11.3 / 13.0	9.4	7.1	5.5	6.1	3.9	6.4	8.1	3.3	9	8.2
Barium, Total	1500	74	75	71 B	58 B	9 B	77 B	32 B	24 B	66 B	41 B
Beryllium, Total	22	0.63 ^5+	ND	0.54	0.54	0.25	0.63	0.32	0.24	0.65	0.5
Cadmium, Total	5.2	0.73	0.26	0.27	0.24	ND	0.55	ND	0.23	0.29	0.096 J
Calcium, Total	--- / ---	85000 B	59000 B	87000 B	84000 B	130000 B	99000 B	140000 B	150000 B	23000 B	86000 B
Chromium, Total	21	14	11	11	10	5	10	7.7	6.8	15	14
Cobalt, Total	20	8.7	7.2	5.3	5.2	2.6	6.3	5	5	8.8	10
Copper, Total	2900	23	17	17	11	5.1	16	2.1	12	16	18
Iron, Total	15000 / 15900	17000 B	14000	16000	15000	8600	20000	20000	12000	22000	22000
Lead, Total	107	59	44	42	31	4.2	67	4.9	25	26	13
Magnesium, Total	325000	57000 B	28000 B	53000	51000	80000	60000	85000	92000 B	15000	53000
Manganese, Total	630 / 636	540	420	310	310	250	420	460	340	290	190
Mercury, Total	0.89	0.038	0.089	0.038	0.039	ND	0.05	0.019	0.0098 J	0.044	ND
Nickel, Total	100	20	16	12	12	6.5	15	9.1	12	20	19
Potassium, Total	--- / ---	1700	1400	1600	1600	1000	1500	1000	1100	2000	1400
Selenium, Total	1.3	0.62	0.63	0.38 J	ND	ND	0.34 J	ND	ND	0.51 J	0.66
Silver, Total	4.4	0.39	0.26 J	1.8	1.8	1.1	2.5	2.3	ND	3.6	2.8
Sodium, Total	--- / ---	180 J	470 B	630 J	660 J	560 J	340 J	240 J	350	2300 B	1400 B
Thallium, Total	2.6	ND	ND	0.35 J	0.49 J	0.59	0.42 J	0.48 J	ND	ND	ND
Vanadium, Total	550	18	22	21	20	10	17	18	10	26	30
Zinc, Total	5100	160	89	82	77	14	130	26	46	110	63
TCLP Metals (mg/l)											
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.59	0.42 J	0.34	0.38	0.084	0.33	0.16	0.18 B	0.32	0.26
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0028 J	ND	0.0032	0.0025	0.0011 J	0.0023	0.001 J	0.0026 J	0.0017 J	0.0013 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	0.00091 J	ND	ND	ND	ND	0.0042 J	0.012	0.0044 J
Copper, TCLP	0.65	ND	ND	0.014 J	ND	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	3.2	1.8	3.9 J	0.13 J	ND	0.35 J	ND	ND	0.2 J	ND
Lead, TCLP	0.0075	ND	ND	0.01	0.0028 J	ND	ND	ND	0.0041 J	0.0031 J	ND
Manganese, TCLP	0.15	0.35	0.088	0.96	0.77	1.1	0.61	0.86	2.6	2	0.54
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	0.0094 J	ND	0.011	0.0055 J	0.0069 J	0.016	0.0084 J	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.14 J	0.038 J	0.11 J	0.059 J	0.0067 J	0.063 J	0.016 J	0.048 J	0.051 J	0.012 J
SPLP Metals (mg/l)											
Arsenic, SPLP	0.05	ND	ND	0.032 J	0.006 J	ND	0.021	ND	ND	0.024	0.014
Barium, SPLP	2	0.52	0.58	0.42 J	0.24 J	0.0058 J	0.29	0.059	ND	0.26	0.28
Beryllium, SPLP	0.004	ND	ND	0.0032 J	0.0019 J	ND	0.0018 J	ND	ND	0.0015 J	0.0036 J
Cadmium, SPLP	0.005	0.0035 J	0.0036 J	0.0026	0.0013 J	ND	ND	ND	0.00043 J	0.00055 J	0.0011 J
Chromium, SPLP	0.1	ND	ND	0.11	0.021	0.0037 J	0.091	0.023	ND	0.062	0.086
Cobalt, SPLP	1	ND	ND	0.021 J	0.0038 J	ND	0.016	0.0047 J	ND	0.014	0.018
Copper, SPLP	0.65	0.027	0.13	0.12 J	0.027 J	ND	0.06 B	0.014 J	ND	0.058 B	0.066 B
Iron, SPLP	5	2.9	6.3	90 J	15 J	1.4	85	26	0.085 J	75	72
Lead, SPLP	0.0075	0.039	0.045	0.16 J	0.036 J	ND	0.052	0.01	ND	0.095	0.055
Manganese, SPLP	0.15	0.36	0.52	1.1 J	0.36 J	0.015	0.75	0.17	ND	0.47	0.22
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.016 J	0.016 J	0.07 J	0.017 J	ND	0.055	0.016	ND	0.044	0.05
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	0.0026 J	ND	ND	0.0025 J	ND	ND	0.0023 J	0.0018 J
Zinc, SPLP	5	0.3 J	0.38 J	0.65	0.17 J	ND	0.38 J	0.056 J	ND	0.34 J	0.35 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background values for MSA counties, as applicable.
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
Yellow 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 12/13/2024 6:33:36 PM

JOB DESCRIPTION

IDOT- WO 009 I-80 at Des Plaines River

JOB NUMBER

500-261003-1

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
Shawn Hayes, Senior Project Manager
Shawn.Hayes@et.eurofinsus.com
Designee for
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-4(0-3)-120424

Lab Sample ID: 500-261003-12

Date Collected: 12/04/24 13:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.84		0.84	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,4,6-Trichlorophenol	<0.84		0.84	0.029	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,4-Dichlorophenol	<0.84		0.84	0.030	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,4-Dimethylphenol	<0.84		0.84	0.19	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,4-Dinitrophenol	<1.7		1.7	0.49	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,4-Dinitrotoluene	<0.42		0.42	0.048	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2,6-Dinitrotoluene	<0.42		0.42	0.029	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Chloronaphthalene	<0.42		0.42	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Chlorophenol	<0.42		0.42	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Methylnaphthalene	<0.17		0.17	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Methylphenol	<0.42		0.42	0.044	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Nitroaniline	<0.42		0.42	0.045	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
2-Nitrophenol	<0.84		0.84	0.057	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
3 & 4 Methylphenol	<0.42		0.42	0.062	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
3,3'-Dichlorobenzidine	<0.42		0.42	0.069	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
3-Nitroaniline	<0.84		0.84	0.038	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4,6-Dinitro-2-methylphenol	<1.7		1.7	0.48	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Bromophenyl phenyl ether	<0.42		0.42	0.058	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Chloro-3-methylphenol	<0.84		0.84	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Chloroaniline	<1.7		1.7	0.88	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Chlorophenyl phenyl ether	<0.42		0.42	0.11	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Nitroaniline	<0.84		0.84	0.062	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
4-Nitrophenol	<1.7		1.7	0.31	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Acenaphthene	<0.084		0.084	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Acenaphthylene	<0.084		0.084	0.014	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Anthracene	<0.084		0.084	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Benzo[a]anthracene	0.081	J	0.084	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Benzo[a]pyrene	0.11		0.084	0.081	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Benzo[b]fluoranthene	0.15		0.084	0.080	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Benzo[g,h,i]perylene	0.13		0.084	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Benzo[k]fluoranthene	0.056	J	0.084	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Bis(2-chloroethoxy)methane	<0.42		0.42	0.032	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Bis(2-chloroethyl)ether	<0.42		0.42	0.039	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Bis(2-ethylhexyl) phthalate	<0.42		0.42	0.33	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Butyl benzyl phthalate	<0.42		0.42	0.042	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Carbazole	<0.42		0.42	0.033	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Chrysene	0.093		0.084	0.022	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Dibenz(a,h)anthracene	<0.084		0.084	0.084	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Dibenzofuran	<0.42		0.42	0.030	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Diethyl phthalate	<0.42		0.42	0.039	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Dimethyl phthalate	<0.42		0.42	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Di-n-butyl phthalate	<0.42		0.42	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Di-n-octyl phthalate	<0.84		0.84	0.59	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Fluoranthene	0.10		0.084	0.020	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Fluorene	<0.084		0.084	0.025	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Hexachlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Hexachlorobutadiene	<0.42		0.42	0.048	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Hexachlorocyclopentadiene	<1.7		1.7	0.89	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Hexachloroethane	<0.42		0.42	0.042	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-4(0-3)-120424

Lab Sample ID: 500-261003-12

Date Collected: 12/04/24 13:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 77.7

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	0.12		0.084	0.082	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Isophorone	<0.42		0.42	0.043	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Naphthalene	<0.084		0.084	0.015	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Nitrobenzene	<0.084		0.084	0.027	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
N-Nitrosodi-n-propylamine	<0.17		0.17	0.017	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
N-Nitrosodiphenylamine	<0.42		0.42	0.050	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Pentachlorophenol	<1.7		1.7	0.21	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Phenanthrene	0.047	J	0.084	0.018	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Phenol	<0.42		0.42	0.037	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2
Pyrene	0.098		0.084	0.023	mg/Kg	☆	12/05/24 15:01	12/06/24 21:52	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	71		31 - 143	12/05/24 15:01	12/06/24 21:52	2
2-Fluorobiphenyl (Surr)	77		43 - 145	12/05/24 15:01	12/06/24 21:52	2
2-Fluorophenol (Surr)	68		31 - 166	12/05/24 15:01	12/06/24 21:52	2
Nitrobenzene-d5 (Surr)	71		37 - 147	12/05/24 15:01	12/06/24 21:52	2
Phenol-d5 (Surr)	72		30 - 153	12/05/24 15:01	12/06/24 21:52	2
Terphenyl-d14 (Surr)	82		42 - 157	12/05/24 15:01	12/06/24 21:52	2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8400		13	5.1	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Antimony	<1.3		1.3	0.24	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Arsenic	7.1		0.63	0.21	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Barium	75		0.63	0.071	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Beryllium	<1.3		1.3	0.29	mg/Kg	☆	12/09/24 16:32	12/11/24 19:55	5
Cadmium	0.26		0.13	0.023	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Calcium	59000	B	63	11	mg/Kg	☆	12/09/24 16:32	12/11/24 19:55	5
Chromium	11		0.63	0.31	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Cobalt	7.2		0.31	0.082	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Copper	17		0.63	0.18	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Iron	14000		13	6.5	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Lead	44		0.31	0.14	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Magnesium	28000	B	6.3	3.1	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Manganese	420		0.63	0.091	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Nickel	16		0.63	0.18	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Potassium	1400		31	11	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Selenium	0.63		0.63	0.37	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Silver	0.26	J	0.31	0.081	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Sodium	470	B	63	9.3	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Thallium	<0.63		0.63	0.31	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Vanadium	22		0.31	0.074	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1
Zinc	89		1.3	0.55	mg/Kg	☆	12/09/24 16:32	12/10/24 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Barium	0.42	J	0.50	0.050	mg/L		12/10/24 14:15	12/11/24 18:53	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:15	12/11/24 18:53	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/10/24 14:15	12/11/24 18:53	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-4(0-3)-120424

Lab Sample ID: 500-261003-12

Date Collected: 12/04/24 13:00

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 77.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Copper	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Iron	1.8		0.40	0.20	mg/L		12/10/24 14:15	12/11/24 18:53	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/10/24 14:15	12/11/24 18:53	1
Manganese	0.088		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Nickel	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:15	12/11/24 18:53	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 18:53	1
Zinc	0.038	J	0.50	0.020	mg/L		12/10/24 14:15	12/11/24 18:53	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		12/10/24 14:19	12/11/24 22:52	1
Barium	0.58		0.50	0.050	mg/L		12/10/24 14:19	12/11/24 22:52	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:19	12/11/24 22:52	1
Cadmium	0.0036	J	0.0050	0.0020	mg/L		12/10/24 14:19	12/11/24 22:52	1
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Copper	0.13		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Iron	6.3		0.40	0.20	mg/L		12/10/24 14:19	12/11/24 22:52	1
Lead	0.045		0.0075	0.0075	mg/L		12/10/24 14:19	12/11/24 22:52	1
Manganese	0.52		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Nickel	0.016	J	0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:19	12/11/24 22:52	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 22:52	1
Zinc	0.38	J	0.50	0.020	mg/L		12/10/24 14:19	12/11/24 22:52	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		12/12/24 10:45	12/13/24 11:06	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 10:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.089		0.020	0.0084	mg/Kg	☼	12/12/24 16:20	12/13/24 11:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			12/06/24 10:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-3(0-2)-120424

Lab Sample ID: 500-261003-16

Date Collected: 12/04/24 15:30

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 80.1

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	☆	12/04/24 18:10	12/06/24 18:56	1
Benzene	<0.0019		0.0019	0.00058	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Bromodichloromethane	<0.0019		0.0019	0.00060	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Bromomethane	<0.0046		0.0046	0.0023	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Carbon disulfide	<0.0046		0.0046	0.00086	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Carbon tetrachloride	<0.0019		0.0019	0.00063	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Chlorobenzene	<0.0019		0.0019	0.00078	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Chloroethane	<0.0046		0.0046	0.0015	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Chloroform	<0.0019		0.0019	0.0013	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Chloromethane	<0.0046		0.0046	0.00090	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Dibromochloromethane	<0.0019		0.0019	0.00086	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,1-Dichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,2-Dichloroethane	<0.0046		0.0046	0.0012	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,1-Dichloroethene	<0.0019		0.0019	0.00076	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,2-Dichloropropane	<0.0019		0.0019	0.00048	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00089	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Ethylbenzene	<0.0019		0.0019	0.00098	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
2-Hexanone	<0.0046		0.0046	0.0028	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Methylene Chloride	<0.0046		0.0046	0.0020	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Methyl Ethyl Ketone	<0.0046		0.0046	0.0020	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
methyl isobutyl ketone	<0.0046		0.0046	0.0033	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00060	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Styrene	<0.0019		0.0019	0.00084	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00092	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Tetrachloroethene	<0.0019		0.0019	0.0010	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Toluene	<0.0019		0.0019	0.00037	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00089	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00075	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00070	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Vinyl chloride	<0.0019	+	0.0019	0.00076	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1
Xylenes, Total	<0.0037		0.0037	0.00064	mg/Kg	☆	12/04/24 18:10	12/06/24 18:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	12/04/24 18:10	12/06/24 18:56	1
Dibromofluoromethane (Surr)	105		75 - 126	12/04/24 18:10	12/06/24 18:56	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	12/04/24 18:10	12/06/24 18:56	1
Toluene-d8 (Surr)	95		75 - 124	12/04/24 18:10	12/06/24 18:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-3(0-2)-120424

Lab Sample ID: 500-261003-16

Date Collected: 12/04/24 15:30

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Methylnaphthalene	0.010	J	0.081	0.0081	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Anthracene	0.0083	J	0.040	0.0082	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Benzo[a]anthracene	0.065		0.040	0.0085	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Benzo[a]pyrene	0.085		0.040	0.039	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Benzo[b]fluoranthene	0.13		0.040	0.038	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Benzo[g,h,i]perylene	0.13		0.040	0.0087	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Benzo[k]fluoranthene	0.042		0.040	0.015	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Chrysene	0.089		0.040	0.011	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Dibenz(a,h)anthracene	0.043		0.040	0.040	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Fluoranthene	0.088		0.040	0.0094	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-3(0-2)-120424

Lab Sample ID: 500-261003-16

Date Collected: 12/04/24 15:30

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 80.1

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	0.094		0.040	0.039	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Naphthalene	0.0080	J	0.040	0.0073	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0080	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Phenanthrene	0.042		0.040	0.0088	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1
Pyrene	0.11		0.040	0.011	mg/Kg	☆	12/05/24 15:01	12/10/24 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143	12/05/24 15:01	12/10/24 13:00	1
2-Fluorobiphenyl (Surr)	77		43 - 145	12/05/24 15:01	12/10/24 13:00	1
2-Fluorophenol (Surr)	72		31 - 166	12/05/24 15:01	12/10/24 13:00	1
Nitrobenzene-d5 (Surr)	71		37 - 147	12/05/24 15:01	12/10/24 13:00	1
Phenol-d5 (Surr)	72		30 - 153	12/05/24 15:01	12/10/24 13:00	1
Terphenyl-d14 (Surr)	94		42 - 157	12/05/24 15:01	12/10/24 13:00	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7500		12	4.9	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Antimony	<1.2		1.2	0.23	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Arsenic	9.4		0.60	0.21	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Barium	74		0.60	0.069	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Beryllium	0.63	^5+	0.24	0.056	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Cadmium	0.73		0.12	0.022	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Calcium	85000	B	60	10	mg/Kg	☆	12/09/24 16:35	12/11/24 15:33	5
Chromium	14		0.60	0.30	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Cobalt	8.7		0.30	0.079	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Copper	23		0.60	0.17	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Iron	17000	B	12	6.3	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Lead	59		0.30	0.14	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Magnesium	57000	B	30	15	mg/Kg	☆	12/09/24 16:35	12/11/24 15:33	5
Manganese	540		0.60	0.088	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Nickel	20		0.60	0.18	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Potassium	1700		30	11	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Selenium	0.62		0.60	0.36	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Silver	0.39		0.30	0.078	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Sodium	180		60	8.9	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Thallium	<0.60		0.60	0.30	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Vanadium	18		0.30	0.071	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1
Zinc	160		1.2	0.53	mg/Kg	☆	12/09/24 16:35	12/11/24 02:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Barium	0.59		0.50	0.050	mg/L		12/10/24 14:15	12/11/24 19:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:15	12/11/24 19:12	1
Cadmium	0.0028	J	0.0050	0.0020	mg/L		12/10/24 14:15	12/11/24 19:12	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Client Sample ID: R-3(0-2)-120424

Lab Sample ID: 500-261003-16

Date Collected: 12/04/24 15:30

Matrix: Solid

Date Received: 12/04/24 17:05

Percent Solids: 80.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Copper	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Iron	3.2		0.40	0.20	mg/L		12/10/24 14:15	12/11/24 19:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/10/24 14:15	12/11/24 19:12	1
Manganese	0.35		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Nickel	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:15	12/11/24 19:12	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:12	1
Zinc	0.14	J	0.50	0.020	mg/L		12/10/24 14:15	12/11/24 19:12	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		12/10/24 14:19	12/11/24 23:19	1
Barium	0.52		0.50	0.050	mg/L		12/10/24 14:19	12/11/24 23:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:19	12/11/24 23:19	1
Cadmium	0.0035	J	0.0050	0.0020	mg/L		12/10/24 14:19	12/11/24 23:19	1
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Copper	0.027		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Iron	2.9		0.40	0.20	mg/L		12/10/24 14:19	12/11/24 23:19	1
Lead	0.039		0.0075	0.0075	mg/L		12/10/24 14:19	12/11/24 23:19	1
Manganese	0.36		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Nickel	0.016	J	0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:19	12/11/24 23:19	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:19	1
Zinc	0.30	J	0.50	0.020	mg/L		12/10/24 14:19	12/11/24 23:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 11:18	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		12/12/24 10:45	12/13/24 10:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.038		0.020	0.0083	mg/Kg	☼	12/12/24 16:20	12/13/24 11:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			12/09/24 10:01	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
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

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Definitions/Glossary

Client: Weston Solutions Inc

Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

Glossary (Continued)

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

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Accreditation/Certification Summary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261003-1

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 734601

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Stebens		Site Contact: S. Howe		Date: 12/4/24		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: S. Knapp		Carrier:		1 of COCs	
Address: 300 Knightbridge Plz #3100		Analysis Turnaround Time						Sampler	
City/State/Zip: Lincolnshire, IL 60069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone:		TAT if different from Below						Walk-in Client	
Fax:		☐ 2 weeks						Lab Sampling	
Project Name: 1-80 at Des Plaines River		☐ 1 week						Job / SDG No	
Site: Dulich, IL		☐ 2 days						500-26034 12/4/24	
P O #: 02056018.009		☐ 1 day						500-261003	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
1 RB-15(0-2)-120424	12/4/24	0925	G	S					
2 RB-16(0-2)-120424		0935							
3 RB-17(0-2)-120424		0945							
4 RB-18(0-2)-120424		1000							
5 RB-19(0-3)-120424		1016							
6 RB-14(0-3)-120424		1040							
7 RB-12(0-2)-120424		1050							
8 RB-5(0-3)-120424		1200							
9 RB-5(0-3)-120424		1200							
10 RB-13(0-3)-120424		1210							
11 RB-4(0-2)-120424		1235							
12 R-4(0-3)-120424		1300							

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

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
Mn & Fe included

Custody Seals Intact ☐ Yes ☐ No

Custody Seal No

Cooler Temp (°C) Obs'd _____ Corr'd _____ Therm ID No _____

Relinquished by: [Signature] Company: Weston Solutions Date/Time: 12/4/24

Received by: [Signature] Company: EETA Date/Time: 12/4/24 1607

Relinquished by: [Signature] Company: EETA Date/Time: 12/4/24 1705

Received by: [Signature] Company: EETA Date/Time: 12/4/24 1705

Chain of Custody Record 734595

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Siders		Site Contact: S. House		Date: 12/4/24		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: J. Krapp		Carrier:		2 of COCs	
Address: 200 Knightsbridge Plaza #340		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N)		NOCs SVOCs Total Metals TCU/SPUP Metals pH		Sampler	
City/State/Zip: Lincolnshire, IL 60089		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling	
Project Name: 18024 Des Plaines River		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
Site: J. Krapp, IL		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
PO# 02056.018.009		Sample Date		Sample Time		Sample Type (C=Comp, G=Grab)		Matrix	
13	RV-26(0-3)-120424	12/4/24	1330	G	S				
14	RV-1(0-4)-120424		1510						
15	R-2(0-2)-120424		1520						
16	R-3(0-2)-120424		1530						
17	R-1(0-2)-120424		1540						
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)				
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown					☐ Return to Client ☒ Disposal by Lab ☐ Archive for Months				
Special Instructions/QC Requirements & Comments: Include Fe + Mn									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: [Signature]		Company: Weston Solutions		Date/Time: 12/4/24		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/4/24 1705		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/4/24 1705		Received in Laboratory by: [Signature]		Company: EETA	



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification
by Licensed Professional Engineer or Licensed Professional Geologist
for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

acant Lands (ISGS Site Nos. 2233V3-203)

City: Various State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.51177 Longitude: - 88.08915

(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.): 1,417

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 VA-2 was sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB ID: 500-261134-1. ALSO SEE FIGURE 4-2 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

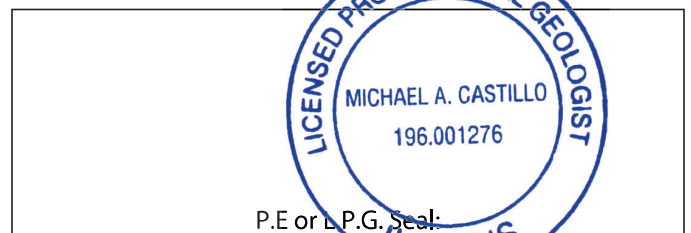
Michael A. Castillo, P.G.

Printed Name:

Michael A. Castillo

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

Date:



Summary Table - Vacant Land (ISGS Site No. 2233V3-203)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	VA-2
Sample Date		12/5/2024
Field Sample ID		VA-2(0-5)-120524
ISGS Site No.		2233V3-203
Laboratory pH	<6.25, >9.0	7.7
VOCs (mg/kg)		
SVOCs (mg/kg)		
Total Metals (mg/kg)		
Aluminum, Total	--- / ---	4100
Antimony, Total	5	0.27 J
Arsenic, Total	11.3 / 13.0	3.8
Barium, Total	1500	36
Beryllium, Total	22	0.23
Cadmium, Total	5.2	0.83 B
Calcium, Total	--- / ---	180000 B
Chromium, Total	21	13
Cobalt, Total	20	3.5
Copper, Total	2900	17
Iron, Total	15000 / 15900	8500
Lead, Total	107	36
Magnesium, Total	325000	100000 B
Manganese, Total	630 / 636	300 B
Mercury, Total	0.89	0.018
Nickel, Total	100	11
Potassium, Total	--- / ---	1100
Selenium, Total	1.3	ND
Silver, Total	4.4	ND
Sodium, Total	--- / ---	280
Thallium, Total	2.6	0.85
Vanadium, Total	550	9.1
Zinc, Total	5100	73
TCLP Metals (mg/l)		
Arsenic, TCLP	0.05	ND
Barium, TCLP	2	0.26 J
Beryllium, TCLP	0.004	ND
Cadmium, TCLP	0.005	0.003 J
Chromium, TCLP	0.1	ND
Cobalt, TCLP	1	ND
Copper, TCLP	0.65	ND
Iron, TCLP	5	0.75
Lead, TCLP	0.0075	ND
Manganese, TCLP	0.15	1.6
Mercury, TCLP	0.002	ND
Nickel, TCLP	0.1	0.013 J
Selenium, TCLP	0.05	ND
Silver, TCLP	0.05	ND
Zinc, TCLP	5	0.15 J
SPLP Metals (mg/l)		
Arsenic, SPLP	0.05	ND
Barium, SPLP	2	0.25 J
Beryllium, SPLP	0.004	ND
Cadmium, SPLP	0.005	0.0043 J
Chromium, SPLP	0.1	ND
Cobalt, SPLP	1	ND
Copper, SPLP	0.65	0.052
Iron, SPLP	5	2.6
Lead, SPLP	0.0075	0.088
Manganese, SPLP	0.15	0.81
Mercury, SPLP	0.002	ND
Nickel, SPLP	0.1	0.018 J
Selenium, SPLP	0.05	ND
Silver, SPLP	0.05	ND
Zinc, SPLP	5	0.23 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
Yellow 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 12/17/2024 4:03:39 PM

JOB DESCRIPTION

IDOT- WO 009 I-80 at Des Plaines River

JOB NUMBER

500-261134-1

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
12/17/2024 4:03:39 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 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: VA-2(0-5)-120524

Lab Sample ID: 500-261134-13

Date Collected: 12/05/24 15:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0071	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Bromoform	<0.0017		0.0017	0.00098	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Carbon disulfide	<0.0042		0.0042	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Carbon tetrachloride	<0.0017		0.0017	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Chlorobenzene	<0.0017		0.0017	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Chloromethane	<0.0042	+	0.0042	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Dibromochloromethane	<0.0017		0.0017	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
2-Hexanone	<0.0042		0.0042	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Methyl Ethyl Ketone	<0.0042		0.0042	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
methyl isobutyl ketone	<0.0042		0.0042	0.0030	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Styrene	<0.0017		0.0017	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Trichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Vinyl chloride	<0.0017	+	0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1
Xylenes, Total	<0.0034		0.0034	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 16:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		75 - 131	12/06/24 19:45	12/10/24 16:03	1
Dibromofluoromethane (Surr)	96		75 - 126	12/06/24 19:45	12/10/24 16:03	1
1,2-Dichloroethane-d4 (Surr)	86		70 - 134	12/06/24 19:45	12/10/24 16:03	1
Toluene-d8 (Surr)	94		75 - 124	12/06/24 19:45	12/10/24 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: VA-2(0-5)-120524

Lab Sample ID: 500-261134-13

Date Collected: 12/05/24 15:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,4-Dimethylphenol	<0.35		0.35	0.080	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Methylnaphthalene	<0.072		0.072	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
4-Nitrophenol	<0.72		0.72	0.13	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Anthracene	0.0095	J	0.035	0.0073	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Benzo[a]anthracene	0.046		0.035	0.0076	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Benzo[a]pyrene	0.056		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Benzo[b]fluoranthene	0.075		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Benzo[g,h,i]perylene	0.063		0.035	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Benzo[k]fluoranthene	0.024	J	0.035	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Chrysene	0.057		0.035	0.0094	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Fluoranthene	0.062		0.035	0.0083	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Fluorene	<0.035		0.035	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: VA-2(0-5)-120524

Lab Sample ID: 500-261134-13

Date Collected: 12/05/24 15:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.063		0.035	0.035	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.0070	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Pentachlorophenol	<0.72		0.72	0.089	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Phenanthrene	0.036		0.035	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Pyrene	0.064		0.035	0.0097	mg/Kg	☆	12/10/24 11:04	12/11/24 16:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143				12/10/24 11:04	12/11/24 16:36	1
2-Fluorobiphenyl (Surr)	69		43 - 145				12/10/24 11:04	12/11/24 16:36	1
2-Fluorophenol (Surr)	62		31 - 166				12/10/24 11:04	12/11/24 16:36	1
Nitrobenzene-d5 (Surr)	61		37 - 147				12/10/24 11:04	12/11/24 16:36	1
Phenol-d5 (Surr)	62		30 - 153				12/10/24 11:04	12/11/24 16:36	1
Terphenyl-d14 (Surr)	88		42 - 157				12/10/24 11:04	12/11/24 16:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4100		11	4.4	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Antimony	0.27	J	1.1	0.21	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Arsenic	3.8		0.53	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Barium	36		0.53	0.061	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Beryllium	0.23		0.21	0.050	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Cadmium	0.83	B	0.11	0.019	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Calcium	180000	B	210	36	mg/Kg	☆	12/11/24 09:44	12/14/24 01:27	20
Chromium	13		0.53	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Cobalt	3.5		0.27	0.070	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Copper	17		0.53	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Iron	8500		11	5.6	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Lead	36		0.27	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Magnesium	100000	B	110	53	mg/Kg	☆	12/11/24 09:44	12/14/24 01:27	20
Manganese	300	B	0.53	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Nickel	11		0.53	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Potassium	1100		27	9.5	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Selenium	<0.53		0.53	0.31	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Silver	<0.27		0.27	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Sodium	280		53	7.9	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Thallium	0.85		0.53	0.27	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Vanadium	9.1		0.27	0.063	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	1
Zinc	73		1.1	0.47	mg/Kg	☆	12/11/24 09:44	12/13/24 03:14	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		12/12/24 14:19	12/13/24 18:16	1
Barium	0.26	J	0.50	0.050	mg/L		12/12/24 14:19	12/13/24 18:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 14:19	12/13/24 18:16	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		12/12/24 14:19	12/13/24 18:16	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: VA-2(0-5)-120524

Lab Sample ID: 500-261134-13

Date Collected: 12/05/24 15:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Iron	0.75		0.40	0.20	mg/L		12/12/24 14:19	12/13/24 18:16	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 14:19	12/13/24 18:16	1
Manganese	1.6		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Nickel	0.013	J	0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:19	12/13/24 18:16	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:16	1
Zinc	0.15	J	0.50	0.020	mg/L		12/12/24 14:19	12/13/24 18:16	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		12/12/24 14:21	12/13/24 16:06	1
Barium	0.25	J	0.50	0.050	mg/L		12/12/24 14:21	12/13/24 16:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 14:21	12/13/24 16:06	1
Cadmium	0.0043	J	0.0050	0.0020	mg/L		12/12/24 14:21	12/13/24 16:06	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Copper	0.052		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Iron	2.6		0.40	0.20	mg/L		12/12/24 14:21	12/13/24 16:06	1
Lead	0.088		0.0075	0.0075	mg/L		12/12/24 14:21	12/13/24 16:06	1
Manganese	0.81		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Nickel	0.018	J	0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:21	12/13/24 16:06	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:06	1
Zinc	0.23	J	0.50	0.020	mg/L		12/12/24 14:21	12/13/24 16:06	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		12/16/24 11:30	12/17/24 08:16	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		12/16/24 11:30	12/17/24 09:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018		0.018	0.0074	mg/Kg	☼	12/16/24 16:20	12/17/24 06:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			12/09/24 17:44	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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)
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 009 I-80 at Des Plaines River

Job ID: 500-261134-1

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	100201	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 734681

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slaters		Site Contact: S. House		Date: 12/5/24		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: T. Knapp		Carrier:		7 of COCs	
Address: 300 Knightsbridge Parkway		Analysis Turnaround Time						Sampler	
City/State/Zip: Lincolnshire, IL 60069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☐ 2 weeks						Lab Sampling	
Project Name: I-80 at Des Plaines River		☐ 1 week						Job / SDG No	
Site: 02 Juliet, IL		☐ 2 days						201-261134	
PO#: 020516.018.009		☐ 1 day							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)		Sample Specific Notes
RV-10(0-2)-120524	12/5/24	1515	G	S					
RV-6(0-5)-120524	↓	1520	↓	↓					
RV-5(0-5)-120524	↓	1525	↓	↓					
RV-2(0-4)-120524	↓	1540	↓	↓					
VA-2(0-5)-120524	↓	1550	↓	↓					
(AS)									
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)			
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments: Include Fe + Mn									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: [Signature]		Company: Weston Solutions		Date/Time: 12/5/24 1800		Received by: [Signature]		Company: WESTON	
Relinquished by: [Signature]		Company: WESTON		Date/Time: 12/6/24 0920		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/6/24 1345		Received in Laboratory by: [Signature]		Company: EETA	



Illinois Environmental Protection Agency

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

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as
amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAI 80 - Des Plaines River- Contract 62R23 Office Phone Number, if available: _____

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

Residences and Vacant Lot (ISGS Site No. 2233V3-206)

City: Joliet State: IL Zip Code: _____

County: Will Township: _____

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

Latitude: 41.51254 Longitude: -88.08856

(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.): 15,870

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 RV-2, RV-3, RV-5, RV-7, RV-8, RV-9, RV-12, RV-13, RV-15, RV-17, RV-18, RV-19, RV-20, RV-21, RV-23, RV-24, RV-25, RV-27, RV-35, RV-36 were sampled adjacent to the ROW.

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

EUROFINS ANALYTICAL REPORTS - JOB IDs: 500-261133-1, 500-261134-1, AND 500-268196-1. ALSO SEE FIGURE 4-2, 4-7, 4-9, and 4-13 OF THE PRELIMINARY SITE INVESTIGATION REPORT.

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

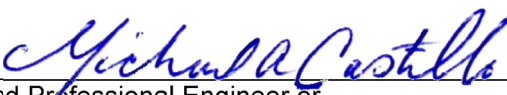
I, Michael A. Castillo, P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with 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:

27 August 2025

Date:



Summary Table - Residences and Vacant Lot (ISGS Site No. 2233V3-206)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	RV-2	RV-3	RV-5	RV-7	RV-8	RV-9	RV-12	RV-13
Sample Date		12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024
Field Sample ID		RV-2(0-4)- 120524	RV-3(0-3)- 120524	RV-5(0-5)- 120524	RV-7(0- 5)120524	RV-8(0- 2)120524	RV-9(0- 2)120524	RV-12(0- 2)120524	RV-13(0- 5)120524
ISGS Site No.		2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206
Laboratory pH	<6.25, >9.0	7.1	7.8	8.0	7.7	7.8	8.4	8.4	8.1
VOCs (mg/kg)									
SVOCs (mg/kg)									
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	0.045	0.046	0.05	0.31	0.039	0.063	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	ND	ND	ND	0.08	ND	ND	ND
Total Metals (mg/kg)									
Aluminum, Total	--- / ---	9400	7100	6800	8600	7800	6000	10000	4700
Antimony, Total	5	0.5 J	0.23 J	0.24 J	0.41 J	0.35 J	0.41 J	0.3 J	0.35 J
Arsenic, Total	11.3 / 13.0	8.8	8.8	6.2	6.9	8.4	8.5	9.2	8.9
Barium, Total	1500	240	61	50	79	68	73	75	52
Beryllium, Total	22	0.72	0.27	0.34	0.63	0.53	0.42	0.4	0.81
Cadmium, Total	5.2	0.93 B	0.38 J	0.32 J	0.41 B	0.64 B	0.66 B	0.33 J	0.71
Calcium, Total	--- / ---	29000 B	58000 B	78000 B	72000 B	120000 B	82000 B	13000 B	110000 B
Chromium, Total	21	17	11	10	11	12	10	15	6.9
Cobalt, Total	20	8	9.5	6	6.4	7.8	6.6	11	5.2
Copper, Total	2900	44	15	17	17	17	20	18	19
Iron, Total	15000 / 15900	16000	20000	13000	15000	15000	13000	22000	11000
Lead, Total	107	160	23	72	77	69	54	31	49
Magnesium, Total	325000	17000 B	28000 B	45000 B	34000 B	69000 B	47000 B	8800 B	72000
Manganese, Total	630 / 636	400 B	610 B	310 B	360 B	470 B	430 B	610 B	350
Mercury, Total	0.89	0.31	0.34	0.047	0.075	0.063	0.068	0.073	0.073
Nickel, Total	100	21	18	16	16	19	17	24	16
Potassium, Total	--- / ---	1300	1300	1400	1400	1400	1400	1700	990
Selenium, Total	1.3	0.39 J	0.44 J	0.31 J	0.46 J	0.51 J	0.35 J	0.41 J	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND	ND
Sodium, Total	--- / ---	330	110	300	130	220	260	470	340
Thallium, Total	2.6	0.58 J	0.47 J	0.45 J	0.48 J	0.7	0.53	0.32 J	0.83
Vanadium, Total	550	22	19	15	19	18	15	22	12
Zinc, Total	5100	200	79	91	110	160	120	110	130
TCLP Metals (mg/l)									
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.94	0.5	0.41 J	0.36 J	0.56	0.42 J	0.5	0.45 J
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0046 J	0.0032 J	0.0021 J	ND	0.0065	0.002 J	ND	0.0048 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	ND
Copper, TCLP	0.65	ND	ND	ND	ND	0.016 J	ND	ND	ND
Iron, TCLP	5	1.1	0.75 J	1.4	1.3	1.5	1.3	1.5	1.4
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	ND	ND
Manganese, TCLP	0.15	0.86	1.4	1.6	0.3	0.57	0.51	0.42	0.49
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	0.012 J	ND	0.042	ND	ND	ND
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	0.32 J	0.14 J	0.081 J	0.047 J	3.9	0.065 J	0.1 J	ND
SPLP Metals (mg/l)									
Arsenic, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	0.034 J
Barium, SPLP	2	1.9	0.27 J	0.42 J	0.27 J	0.49 J	0.73	0.45 J	0.47 J
Beryllium, SPLP	0.004	0.0052	ND	ND	ND	ND	ND	ND	0.0045
Cadmium, SPLP	0.005	0.0057	0.0035 J	0.0024 J	ND	0.0047 J	0.0042 J	0.0023 J	0.0054
Chromium, SPLP	0.1	ND	ND	ND	ND	ND	ND	ND	0.036
Cobalt, SPLP	1	ND	ND	ND	ND	ND	ND	ND	0.012 J
Copper, SPLP	0.65	0.056	0.032	0.028	0.019 J	0.037	0.038	0.021 J	0.085
Iron, SPLP	5	2.4	3.1 J	2	1.6	3.6	3.4	4.8	43
Lead, SPLP	0.0075	0.054	0.042 J	0.08	0.024	0.11	0.056	0.043	0.18
Manganese, SPLP	0.15	0.67	0.31 J	0.47	0.3	0.28	0.83	0.35	0.9
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.026	0.016 J	0.015 J	ND	0.016 J	0.024 J	0.013 J	0.042
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.55	0.47 J	0.15 J	0.07 J	0.7	0.35 J	0.28 J	0.96

Summary Table - Residences and Vacant Lot (ISGS Site No. 2233V3-206)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	RV-15	RV-17	RV-18	RV-19	RV-20	RV-20	RV-21	RV-21
Sample Date		12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024	5/13/2025	12/5/2024	5/13/2025
Field Sample ID		RV-15(0-3)-120524	RV-17(0-5)120524	RV-18(0-3)120524	RV-19(0-5)120524	RV-20(0-5)120524	RV-20(3-8)-051325	RV-21(0-2)120524	RV-21(2-5)-051325
ISGS Site No.		2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206
Laboratory pH	<6.25, >9.0	8.7	7.6	7.5	7.5	7.4	7.4	7.8	6.9
VOCs (mg/kg)									
SVOCs (mg/kg)									
Benzo(a)pyrene	0.09 / 1.3 / 2.1	0.071	0.18	0.23	0.041	ND	0.63	0.2	ND
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	0.047	0.047	ND	ND	0.13	0.038	ND
Total Metals (mg/kg)									
Aluminum, Total	--- / ---	6500	8600	11000	9000	8000	4100	5800	7900
Antimony, Total	5	0.43 J	0.9 J	0.32 J	0.48 J	ND	ND	0.28 J	ND
Arsenic, Total	11.3 / 13.0	12	8.9	6.8	10	5.9	7.8	5.1	9.1
Barium, Total	1500	53	100 J	91	89	39	47 B	40	69
Beryllium, Total	22	0.42	0.55 J	0.46	0.64	0.34	0.14 J	0.39	0.32
Cadmium, Total	5.2	0.58	0.78 J	0.55 B	1.7 B	0.22 J	ND	0.37 J	0.12
Calcium, Total	--- / ---	85000 B	88000 B	64000 B	77000 B	57000 B	130000 B	77000 B	28000 B
Chromium, Total	21	9.7	13	15	15	11	5.2	8.3	11
Cobalt, Total	20	8.2	7.6	8.6	7.4	8.4	9.6	6.6	11
Copper, Total	2900	28	23	19	33	12	22	13	16
Iron, Total	15000 / 15900	19000	20000	20000	19000	14000	17000	12000	23000
Lead, Total	107	76	96 J	63	120	15	8.9	36	13
Magnesium, Total	325000	35000	45000 B	32000 B	33000 B	26000 B	75000 B	43000 B	18000 B
Manganese, Total	630 / 636	510	470 B	380 B	260 B	500 B	590	300 B	530
Mercury, Total	0.89	0.081	0.13 J	0.088	0.1	0.034	0.0085 J	0.061	0.058
Nickel, Total	100	20	19	18	21	19	21	15	18
Potassium, Total	--- / ---	1300	1600 J	2000	1700	1500	1100	1300	1400
Selenium, Total	1.3	0.4 J	0.55 J	0.34 J	0.37 J	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	ND	ND	0.22 J
Sodium, Total	--- / ---	360	360 J	330	170	110	550	160	280
Thallium, Total	2.6	0.9	0.64	0.63	0.58 J	0.41 J	ND	0.44 J	ND
Vanadium, Total	550	15	18	20	22	20	13	14	22
Zinc, Total	5100	130	240	170	500	52	26	74	100
TCLP Metals (mg/l)									
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.42 J	0.71	0.49 J	0.4 J	0.3 J	0.21 B	0.51	0.64 B
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0032 J	0.0038 J	0.0024 J	ND	0.0047 J	ND	0.0041 J	0.0024 J
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	ND	ND	0.0013 J
Copper, TCLP	0.65	ND	ND	ND	ND	0.015 J	ND	ND	ND
Iron, TCLP	5	0.26 J	0.77	1.1	0.55	1.5	1.5	0.35 J	2.3
Lead, TCLP	0.0075	ND	ND	ND	ND	ND	ND	0.0088	ND
Manganese, TCLP	0.15	0.19	0.55	0.62	0.33	1	1.5	1.7	3.9
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	ND	ND	ND	0.026	0.019	0.013 J	0.014
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	ND	ND	ND	1.1 B	0.014 J	ND	0.041 J
SPLP Metals (mg/l)									
Arsenic, SPLP	0.05	0.013 J	ND	ND	ND	ND	ND	ND	ND
Barium, SPLP	2	0.31 J	0.68	0.56	0.13 J	ND	0.0013 J	0.17 J	0.085
Beryllium, SPLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, SPLP	0.005	0.0034 J	0.002 J	0.003 J	ND	ND	0.00047 J	ND	ND
Chromium, SPLP	0.1	0.013 J	ND	ND	ND	ND	ND	ND	0.024
Cobalt, SPLP	1	ND	ND	ND	ND	ND	ND	ND	0.0044 J
Copper, SPLP	0.65	0.05	0.026	0.029	0.017 J	ND	ND	0.025	0.013
Iron, SPLP	5	11	1.6	2.7	2.2	2	0.26 J	6.6	21
Lead, SPLP	0.0075	0.15	0.13	0.073	0.029	ND	ND	0.14	0.013
Manganese, SPLP	0.15	0.5	0.19	0.28	0.095	0.054	0.01	0.48	0.12
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	0.018 J	ND	0.012 J	ND	ND	ND	0.011 J	0.013
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.52	0.17 J	0.38 J	0.06 J	ND	ND	0.16 J	0.062 J

Summary Table - Residences and Vacant Lot (ISGS Site No. 2233V3-206)
Comparison of Detected Constituents to Applicable Reference Concentrations
Soil Analytical Results
FAI 80 - I-80 at Des Plaines River
Joliet, Will County, Illinois

Station Name	Reference Concentrations (MAC Table)	RV-23	RV-24	RV-24	RV-24	RV-25	RV-27	RV-35	RV-36
Sample Date		12/5/2024	12/5/2024	12/5/2024	12/5/2024	12/5/2024	5/12/2025	5/12/2025	5/12/2025
Field Sample ID		RV-23(0-5)-120524	RV-24(0-5)-120524	RV-24(5-10)-120524	RV-24(5-10)-120524D	RV-25(0-3)-120524	RV-27(0-5)-051225	RV-35(0-4)-051225	RV-36(0-4)-051225
ISGS Site No.		2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206	2233V3-206
Laboratory pH	<6.25, >9.0	7.9	8.1	7.5	7.2	8.6	7.1	8.0	7.0
VOCs (mg/kg)									
SVOCs (mg/kg)									
Benzo(a)pyrene	0.09 / 1.3 / 2.1	ND	0.18	ND	ND	0.047 J	ND	ND	0.11
Dibenzo(a,h)anthracene	0.09 / 0.2 / 0.42	ND	0.045	ND	ND	ND	ND	ND	0.052
Total Metals (mg/kg)									
Aluminum, Total	--- / ---	4400	9200	3500	2400	2800	5000	5000	4400
Antimony, Total	5	0.31 J	0.52 J	ND	ND	ND	ND	ND	0.2 J
Arsenic, Total	11.3 / 13.0	5.4	9.6	5.1	8.3	4	5.4	4.2	6.7
Barium, Total	1500	29	100	35	30	19	34 B	30 B	120 B
Beryllium, Total	22	0.25	1.2	ND	ND	0.23	0.4	0.27	0.59
Cadmium, Total	5.2	0.33	1.3	0.13	0.096 J	0.18	0.048 J	0.067 J	0.6
Calcium, Total	--- / ---	120000 B	68000 B	48000 B	44000 B	160000 B	130000 B	110000 B	130000 B
Chromium, Total	21	8.4	12	5.2	3.2	5.1	8.2	7.9	8.1
Cobalt, Total	20	5.1	9.2	12	13	3.7	6.4	5.3	4.3
Copper, Total	2900	8.4	55	160	180	9.8	21	12	21
Iron, Total	15000 / 15900	9800	19000	24000	26000	6700	19000	17000	15000
Lead, Total	107	62	220	5.7	4.5	30	11	14	100
Magnesium, Total	325000	85000	32000	23000	21000	100000	78000	66000	80000
Manganese, Total	630 / 636	350	440	330	390	250	270	300	310
Mercury, Total	0.89	0.1	0.15	0.015 J	0.01 J	0.023	0.014 J	0.008 J	0.15
Nickel, Total	100	12	29	14	14	8.6	12	13	11
Potassium, Total	--- / ---	1000	1400	690	460	930	1400	940	960
Selenium, Total	1.3	ND	0.48 J	ND	ND	ND	ND	ND	ND
Silver, Total	4.4	ND	ND	ND	ND	ND	2.3	2	1.8
Sodium, Total	--- / ---	160	1900	800	620	480	250 J	210 J	280 J
Thallium, Total	2.6	0.57	0.57 J	0.41 J	0.33 J	0.59	ND	ND	0.35 J
Vanadium, Total	550	13	21	110	88	9.3	29	27	14
Zinc, Total	5100	59	350	52	49	34	40	48	150
TCLP Metals (mg/l)									
Arsenic, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Barium, TCLP	2	0.57	0.6	0.46 J	0.33 J	0.53	0.22	0.21	1.3
Beryllium, TCLP	0.004	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium, TCLP	0.005	0.0041 J	0.011	ND	ND	0.0021 J	0.0012 J	0.0013 J	0.0059
Chromium, TCLP	0.1	ND	ND	ND	ND	ND	ND	ND	ND
Cobalt, TCLP	1	ND	ND	ND	ND	ND	0.0038 J	ND	ND
Copper, TCLP	0.65	ND	0.053	ND	ND	ND	ND	ND	ND
Iron, TCLP	5	ND	0.29 J	0.74 J	1.7 J	0.68	0.98	ND	ND
Lead, TCLP	0.0075	ND	0.0075	ND	ND	ND	ND	ND	0.0088
Manganese, TCLP	0.15	0.78	1.9	0.78	1.2	1.1	1.1	0.85	0.29
Mercury, TCLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, TCLP	0.1	ND	0.038	ND	ND	ND	0.014	0.0074 J	0.0049 J
Selenium, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, TCLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, TCLP	5	ND	0.84 B	ND	ND	ND	0.011 J	0.032 J	0.22 J
SPLP Metals (mg/l)									
Arsenic, SPLP	0.05	ND	0.02 J	ND	ND	ND	0.0084 J	ND	0.0038 J
Barium, SPLP	2	1.2	0.61	0.39 J	0.38 J	0.14 J	0.12	0.028	0.2
Beryllium, SPLP	0.004	ND	0.0057	ND	ND	ND	0.0012 J	ND	ND
Cadmium, SPLP	0.005	0.0054	0.015	ND	ND	ND	ND	ND	0.00071 J
Chromium, SPLP	0.1	ND	ND	0.01 J	ND	ND	0.045	0.01	0.019
Cobalt, SPLP	1	ND	ND	ND	ND	ND	0.0081	0.0014 J	0.0028 J
Copper, SPLP	0.65	0.1	0.36	0.067	0.027	0.027	0.044 B	0.011 J	0.029 J
Iron, SPLP	5	2.7	7.2	11	8.6	2.1	39	6.9	12
Lead, SPLP	0.0075	0.48	0.36	0.023	ND	0.1	0.027	0.0075	0.09
Manganese, SPLP	0.15	0.35	1	0.52	0.62	0.55	0.2	0.064	0.17
Mercury, SPLP	0.002	ND	ND	ND	ND	ND	ND	ND	ND
Nickel, SPLP	0.1	ND	0.049	0.012 J	0.02 J	ND	0.034	0.0054 J	0.014
Selenium, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Silver, SPLP	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Zinc, SPLP	5	0.5	1.8	0.11 J	0.62	0.12 J	0.083 J	0.03 J	0.24 J

Notes and Abbreviations:
--- - not applicable or value not available.
Reference concentrations from MAC Table include background values for MSA counties, as applicable.
ND - Constituent not detected above the reporting limit.
B - Constituent detected in the laboratory blank and sample.
J - Estimated concentration.
Yellow 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 009 I-80 at Des Plaines River

JOB NUMBER

500-261133-1

Eurofins Chicago

Job Notes

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

Authorization



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

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-25(0-3)-120524

Lab Sample ID: 500-261133-1

Date Collected: 12/05/24 08:55

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Benzene	<0.0017		0.0017	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Bromodichloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Carbon disulfide	<0.0043		0.0043	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Carbon tetrachloride	<0.0017		0.0017	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Chlorobenzene	<0.0017		0.0017	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Chloromethane	<0.0043		0.0043	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Dibromochloromethane	<0.0017		0.0017	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,1-Dichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,2-Dichloroethane	<0.0043		0.0043	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,1-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Ethylbenzene	<0.0017		0.0017	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Methylene Chloride	<0.0043		0.0043	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
methyl isobutyl ketone	<0.0043		0.0043	0.0030	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Styrene	<0.0017		0.0017	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Tetrachloroethene	<0.0017		0.0017	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Toluene	0.00059 J		0.0017	0.00034	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Vinyl chloride	<0.0017		0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1
Xylenes, Total	<0.0034		0.0034	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 12:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	12/06/24 19:45	12/10/24 12:10	1
Dibromofluoromethane (Surr)	98		75 - 126	12/06/24 19:45	12/10/24 12:10	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	12/06/24 19:45	12/10/24 12:10	1
Toluene-d8 (Surr)	102		75 - 124	12/06/24 19:45	12/10/24 12:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.24		0.24	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
1,2-Dichlorobenzene	<0.24		0.24	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
1,3-Dichlorobenzene	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
1,4-Dichlorobenzene	<0.24		0.24	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,2'-oxybis[1-chloropropane]	<0.24		0.24	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-25(0-3)-120524

Lab Sample ID: 500-261133-1

Date Collected: 12/05/24 08:55

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.48		0.48	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,4,6-Trichlorophenol	<0.48		0.48	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,4-Dichlorophenol	<0.48		0.48	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,4-Dimethylphenol	<0.48		0.48	0.11	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,4-Dinitrophenol	<0.97		0.97	0.28	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,4-Dinitrotoluene	<0.24		0.24	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2,6-Dinitrotoluene	<0.24		0.24	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Chloronaphthalene	<0.24		0.24	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Chlorophenol	<0.24		0.24	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Methylnaphthalene	<0.097		0.097	0.0096	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Methylphenol	<0.24		0.24	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Nitroaniline	<0.24		0.24	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
2-Nitrophenol	<0.48		0.48	0.032	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
3 & 4 Methylphenol	<0.24		0.24	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
3,3'-Dichlorobenzidine	<0.24		0.24	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
3-Nitroaniline	<0.48		0.48	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4,6-Dinitro-2-methylphenol	<0.97		0.97	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Bromophenyl phenyl ether	<0.24		0.24	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Chloro-3-methylphenol	<0.48		0.48	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Chloroaniline	<0.97		0.97	0.50	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Chlorophenyl phenyl ether	<0.24		0.24	0.063	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Nitroaniline	<0.48		0.48	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
4-Nitrophenol	<0.97		0.97	0.18	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Acenaphthene	<0.048		0.048	0.0097	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Acenaphthylene	<0.048		0.048	0.0081	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Anthracene	<0.048		0.048	0.0098	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Benzo[a]anthracene	0.038	J	0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Benzo[a]pyrene	0.047	J	0.048	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Benzo[b]fluoranthene	0.066		0.048	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Benzo[g,h,i]perylene	0.034	J	0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Benzo[k]fluoranthene	0.023	J	0.048	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Bis(2-chloroethoxy)methane	<0.24		0.24	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Bis(2-chloroethyl)ether	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Bis(2-ethylhexyl) phthalate	<0.24		0.24	0.19	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Butyl benzyl phthalate	<0.24		0.24	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Carbazole	<0.24		0.24	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Chrysene	0.049		0.048	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Dibenz(a,h)anthracene	<0.048		0.048	0.048	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Dibenzofuran	<0.24		0.24	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Diethyl phthalate	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Dimethyl phthalate	<0.24		0.24	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Di-n-butyl phthalate	<0.24		0.24	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Di-n-octyl phthalate	<0.48		0.48	0.33	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Fluoranthene	0.048		0.048	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Fluorene	<0.048		0.048	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Hexachlorobenzene	<0.097		0.097	0.0092	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Hexachlorobutadiene	<0.24		0.24	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Hexachlorocyclopentadiene	<0.97		0.97	0.51	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Hexachloroethane	<0.24		0.24	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-25(0-3)-120524

Lab Sample ID: 500-261133-1

Date Collected: 12/05/24 08:55

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.048		0.048	0.047	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Isophorone	<0.24		0.24	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Naphthalene	<0.048		0.048	0.0087	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Nitrobenzene	<0.048		0.048	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
N-Nitrosodi-n-propylamine	<0.097		0.097	0.0094	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
N-Nitrosodiphenylamine	<0.24		0.24	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Pentachlorophenol	<0.97		0.97	0.12	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Phenanthrene	0.029	J	0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Phenol	<0.24		0.24	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1
Pyrene	0.053		0.048	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 10:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	12/09/24 16:28	12/10/24 10:58	1
2-Fluorobiphenyl (Surr)	78		43 - 145	12/09/24 16:28	12/10/24 10:58	1
2-Fluorophenol (Surr)	77		31 - 166	12/09/24 16:28	12/10/24 10:58	1
Nitrobenzene-d5 (Surr)	76		37 - 147	12/09/24 16:28	12/10/24 10:58	1
Phenol-d5 (Surr)	75		30 - 153	12/09/24 16:28	12/10/24 10:58	1
Terphenyl-d14 (Surr)	100		42 - 157	12/09/24 16:28	12/10/24 10:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2800		10	4.2	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Antimony	<1.0		1.0	0.20	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Arsenic	4.0		0.51	0.18	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Barium	19		0.51	0.059	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Beryllium	0.23		0.21	0.048	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Cadmium	0.18		0.10	0.019	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Calcium	160000	B	210	35	mg/Kg	☆	12/10/24 16:11	12/13/24 13:47	20
Chromium	5.1		0.51	0.25	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Cobalt	3.7		0.26	0.067	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Copper	9.8		0.51	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Iron	6700		10	5.4	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Lead	30		0.26	0.12	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Magnesium	100000		100	51	mg/Kg	☆	12/10/24 16:11	12/13/24 13:47	20
Manganese	250		0.51	0.075	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Nickel	8.6		0.51	0.15	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Potassium	930		26	9.1	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Selenium	<0.51		0.51	0.30	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Silver	<0.26		0.26	0.066	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Sodium	480		51	7.6	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Thallium	0.59		0.51	0.26	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Vanadium	9.3		0.26	0.061	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	1
Zinc	34		1.0	0.45	mg/Kg	☆	12/10/24 16:11	12/13/24 00:14	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		12/10/24 14:15	12/11/24 19:21	1
Barium	0.53		0.50	0.050	mg/L		12/10/24 14:15	12/11/24 19:21	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:15	12/11/24 19:21	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		12/10/24 14:15	12/11/24 19:21	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-25(0-3)-120524

Lab Sample ID: 500-261133-1

Date Collected: 12/05/24 08:55

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Copper	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Iron	0.68		0.40	0.20	mg/L		12/10/24 14:15	12/11/24 19:21	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/10/24 14:15	12/11/24 19:21	1
Manganese	1.1		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Nickel	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:15	12/11/24 19:21	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:15	12/11/24 19:21	1
Zinc	0.047 J		0.50	0.020	mg/L		12/10/24 14:15	12/11/24 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Barium	0.14 J		0.50	0.050	mg/L		12/10/24 14:19	12/11/24 23:27	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/10/24 14:19	12/11/24 23:27	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/10/24 14:19	12/11/24 23:27	1
Chromium	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Cobalt	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Copper	0.027		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Iron	2.1		0.40	0.20	mg/L		12/10/24 14:19	12/11/24 23:27	1
Lead	0.10		0.0075	0.0075	mg/L		12/10/24 14:19	12/11/24 23:27	1
Manganese	0.55		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Nickel	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Selenium	<0.050		0.050	0.020	mg/L		12/10/24 14:19	12/11/24 23:27	1
Silver	<0.025		0.025	0.010	mg/L		12/10/24 14:19	12/11/24 23:27	1
Zinc	0.12 J		0.50	0.020	mg/L		12/10/24 14:19	12/11/24 23:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 11:23	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/12/24 10:45	12/13/24 10:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.023		0.017	0.0069	mg/Kg	☼	12/13/24 16:20	12/16/24 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.6		0.2	0.2	SU			12/11/24 11:08	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-15(0-3)-120524

Lab Sample ID: 500-261133-3

Date Collected: 12/05/24 09:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0083	J	0.018	0.0076	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Carbon tetrachloride	<0.0018		0.0018	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Chloromethane	<0.0045		0.0045	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Dibromochloromethane	<0.0018		0.0018	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,1-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
2-Hexanone	<0.0045		0.0045	0.0027	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
methyl isobutyl ketone	<0.0045		0.0045	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Styrene	<0.0018		0.0018	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00089	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Vinyl chloride	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 13:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		75 - 131	12/06/24 19:45	12/10/24 13:00	1
Dibromofluoromethane (Surr)	101		75 - 126	12/06/24 19:45	12/10/24 13:00	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	12/06/24 19:45	12/10/24 13:00	1
Toluene-d8 (Surr)	112		75 - 124	12/06/24 19:45	12/10/24 13:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-15(0-3)-120524

Lab Sample ID: 500-261133-3

Date Collected: 12/05/24 09:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Methylnaphthalene	0.064	J	0.078	0.0078	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Methylphenol	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
3 & 4 Methylphenol	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
4-Nitrophenol	<0.78		0.78	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Acenaphthylene	0.0099	J	0.039	0.0066	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Anthracene	0.021	J	0.039	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Benzo[a]anthracene	0.082		0.039	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Benzo[a]pyrene	0.071		0.039	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Benzo[b]fluoranthene	0.10		0.039	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Benzo[g,h,i]perylene	0.069		0.039	0.0084	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Benzo[k]fluoranthene	0.026	J	0.039	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Carbazole	0.017	J	0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Chrysene	0.11		0.039	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Dibenzofuran	0.097	J	0.20	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Dimethyl phthalate	<0.20		0.20	0.0084	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Fluoranthene	0.17		0.039	0.0090	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Fluorene	<0.039		0.039	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Hexachloroethane	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-15(0-3)-120524

Lab Sample ID: 500-261133-3

Date Collected: 12/05/24 09:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.046		0.039	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Naphthalene	<0.039		0.039	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Pentachlorophenol	<0.78		0.78	0.097	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Phenanthrene	0.67		0.039	0.0084	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Pyrene	0.14		0.039	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 11:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143				12/09/24 16:28	12/10/24 11:47	1
2-Fluorobiphenyl (Surr)	85		43 - 145				12/09/24 16:28	12/10/24 11:47	1
2-Fluorophenol (Surr)	74		31 - 166				12/09/24 16:28	12/10/24 11:47	1
Nitrobenzene-d5 (Surr)	79		37 - 147				12/09/24 16:28	12/10/24 11:47	1
Phenol-d5 (Surr)	75		30 - 153				12/09/24 16:28	12/10/24 11:47	1
Terphenyl-d14 (Surr)	99		42 - 157				12/09/24 16:28	12/10/24 11:47	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6500		12	4.8	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Antimony	0.43	J	1.2	0.23	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Arsenic	12		0.59	0.20	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Barium	53		0.59	0.067	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Beryllium	0.42		0.24	0.055	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Cadmium	0.58		0.12	0.021	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Calcium	85000	B	120	20	mg/Kg	☆	12/10/24 16:11	12/13/24 13:56	10
Chromium	9.7		0.59	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Cobalt	8.2		0.29	0.077	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Copper	28		0.59	0.16	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Iron	19000		12	6.1	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Lead	76		0.29	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Magnesium	35000		5.9	2.9	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Manganese	510		0.59	0.085	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Nickel	20		0.59	0.17	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Potassium	1300		29	10	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Selenium	0.40	J	0.59	0.35	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Sodium	360		59	8.7	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Thallium	0.90		0.59	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Vanadium	15		0.29	0.069	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	1
Zinc	130		1.2	0.52	mg/Kg	☆	12/10/24 16:11	12/13/24 00:23	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		12/11/24 14:25	12/12/24 18:31	1
Barium	0.42	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 18:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 18:31	1
Cadmium	0.0032	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 18:31	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-15(0-3)-120524

Lab Sample ID: 500-261133-3

Date Collected: 12/05/24 09:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Iron	0.26	J	0.40	0.20	mg/L		12/11/24 14:25	12/12/24 18:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 18:31	1
Manganese	0.19		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 18:31	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:31	1
Zinc	0.081	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 18:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.013	J	0.050	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Barium	0.31	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:05	1
Cadmium	0.0034	J	0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:05	1
Chromium	0.013	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Copper	0.050		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Iron	11		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:05	1
Lead	0.15		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:05	1
Manganese	0.50		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Nickel	0.018	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:05	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:05	1
Zinc	0.52		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 05:27	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 09:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.081		0.019	0.0080	mg/Kg	☼	12/13/24 16:20	12/16/24 09:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.7		0.2	0.2	SU			12/09/24 16:28	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(0-5)-120524

Lab Sample ID: 500-261133-4

Date Collected: 12/05/24 09:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0090	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Benzene	<0.0021		0.0021	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Bromodichloromethane	<0.0021		0.0021	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Bromoform	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Bromomethane	<0.0053		0.0053	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Carbon disulfide	<0.0053		0.0053	0.00098	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Carbon tetrachloride	<0.0021		0.0021	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Chlorobenzene	<0.0021		0.0021	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Chloroethane	<0.0053		0.0053	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Chloroform	<0.0021		0.0021	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Chloromethane	<0.0053		0.0053	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Dibromochloromethane	<0.0021		0.0021	0.00099	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,1-Dichloroethane	<0.0021		0.0021	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,2-Dichloroethane	<0.0053		0.0053	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,1-Dichloroethene	<0.0021		0.0021	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,2-Dichloropropane	<0.0021		0.0021	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Ethylbenzene	<0.0021		0.0021	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
2-Hexanone	<0.0053		0.0053	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Methylene Chloride	<0.0053		0.0053	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Methyl Ethyl Ketone	<0.0053		0.0053	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
methyl isobutyl ketone	<0.0053		0.0053	0.0038	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Styrene	<0.0021		0.0021	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Tetrachloroethene	0.0022		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Toluene	<0.0021		0.0021	0.00043	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Trichloroethene	<0.0021		0.0021	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Vinyl chloride	<0.0021		0.0021	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1
Xylenes, Total	<0.0043		0.0043	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		75 - 131	12/06/24 19:45	12/10/24 13:25	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 13:25	1
1,2-Dichloroethane-d4 (Surr)	100		70 - 134	12/06/24 19:45	12/10/24 13:25	1
Toluene-d8 (Surr)	114		75 - 124	12/06/24 19:45	12/10/24 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(0-5)-120524

Lab Sample ID: 500-261133-4

Date Collected: 12/05/24 09:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,4-Dimethylphenol	<0.40		0.40	0.089	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2,6-Dinitrotoluene	<0.20		0.20	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Methylnaphthalene	0.046	J	0.081	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Chloro-3-methylphenol	<0.40		0.40	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
4-Nitrophenol	<0.81		0.81	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Acenaphthylene	0.021	J	0.040	0.0068	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Anthracene	0.028	J	0.040	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Benzo[a]anthracene	0.14		0.040	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Benzo[a]pyrene	0.18		0.040	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Benzo[b]fluoranthene	0.25		0.040	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Benzo[g,h,i]perylene	0.16		0.040	0.0087	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Benzo[k]fluoranthene	0.077		0.040	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Carbazole	0.017	J	0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Chrysene	0.20		0.040	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Dibenz(a,h)anthracene	0.045		0.040	0.040	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Dibenzofuran	0.024	J	0.20	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Fluoranthene	0.24		0.040	0.0093	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(0-5)-120524

Lab Sample ID: 500-261133-4

Date Collected: 12/05/24 09:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.13		0.040	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
N-Nitrosodiphenylamine	<0.20		0.20	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Pentachlorophenol	<0.81		0.81	0.10	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Phenanthrene	0.20		0.040	0.0087	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Pyrene	0.27		0.040	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 12:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	68		31 - 143				12/09/24 16:28	12/10/24 12:11	1
2-Fluorobiphenyl (Surr)	70		43 - 145				12/09/24 16:28	12/10/24 12:11	1
2-Fluorophenol (Surr)	60		31 - 166				12/09/24 16:28	12/10/24 12:11	1
Nitrobenzene-d5 (Surr)	63		37 - 147				12/09/24 16:28	12/10/24 12:11	1
Phenol-d5 (Surr)	63		30 - 153				12/09/24 16:28	12/10/24 12:11	1
Terphenyl-d14 (Surr)	85		42 - 157				12/09/24 16:28	12/10/24 12:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9200		12	4.8	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Antimony	0.52	J	1.2	0.23	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Arsenic	9.6		0.59	0.20	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Barium	100		0.59	0.067	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Beryllium	1.2		0.24	0.055	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Cadmium	1.3		0.12	0.021	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Calcium	68000	B	59	10	mg/Kg	☆	12/10/24 16:11	12/13/24 14:00	5
Chromium	12		0.59	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Cobalt	9.2		0.30	0.078	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Copper	55		0.59	0.17	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Iron	19000		12	6.2	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Lead	220		0.30	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Magnesium	32000		5.9	2.9	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Manganese	440		0.59	0.086	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Nickel	29		0.59	0.17	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Potassium	1400		30	10	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Selenium	0.48	J	0.59	0.35	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Silver	<0.30		0.30	0.076	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Sodium	1900		59	8.8	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Thallium	0.57	J	0.59	0.30	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Vanadium	21		0.30	0.070	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1
Zinc	350		1.2	0.52	mg/Kg	☆	12/10/24 16:11	12/13/24 00:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Barium	0.60		0.50	0.050	mg/L		12/11/24 14:25	12/12/24 18:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 18:35	1
Cadmium	0.011		0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 18:35	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(0-5)-120524

Lab Sample ID: 500-261133-4

Date Collected: 12/05/24 09:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Copper	0.053		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Iron	0.29	J	0.40	0.20	mg/L		12/11/24 14:25	12/12/24 18:35	1
Lead	0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 18:35	1
Manganese	1.9		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Nickel	0.038		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 18:35	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:35	1
Zinc	0.84	B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.020	J	0.050	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Barium	0.61		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:10	1
Beryllium	0.0057		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:10	1
Cadmium	0.015		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:10	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Copper	0.36		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Iron	7.2		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:10	1
Lead	0.36		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:10	1
Manganese	1.0		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Nickel	0.049		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:10	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:10	1
Zinc	1.8		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:10	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		12/16/24 11:30	12/17/24 05:29	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		12/13/24 11:05	12/16/24 09:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.019	0.0080	mg/Kg	☼	12/13/24 16:20	12/16/24 09:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			12/09/24 16:30	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524

Lab Sample ID: 500-261133-5

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 89.1

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	☆	12/06/24 19:45	12/10/24 13:50	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Carbon disulfide	<0.0045		0.0045	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Chlorobenzene	<0.0018		0.0018	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Chloromethane	<0.0045		0.0045	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Dibromochloromethane	<0.0018		0.0018	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,1-Dichloroethene	<0.0018		0.0018	0.00075	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
2-Hexanone	<0.0045		0.0045	0.0028	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Methyl Ethyl Ketone	<0.0045		0.0045	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
methyl isobutyl ketone	<0.0045		0.0045	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Styrene	<0.0018		0.0018	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Toluene	<0.0018		0.0018	0.00037	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Vinyl chloride	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		75 - 131	12/06/24 19:45	12/10/24 13:50	1
Dibromofluoromethane (Surr)	99		75 - 126	12/06/24 19:45	12/10/24 13:50	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	12/06/24 19:45	12/10/24 13:50	1
Toluene-d8 (Surr)	101		75 - 124	12/06/24 19:45	12/10/24 13:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524

Lab Sample ID: 500-261133-5

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.030	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Chloro-3-methylphenol	<0.36		0.36	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
4-Nitrophenol	<0.74		0.74	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Acenaphthene	<0.036		0.036	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Benzo[g,h,i]perylene	<0.036		0.036	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524

Lab Sample ID: 500-261133-5

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.0072	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
N-Nitrosodiphenylamine	<0.18		0.18	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Pentachlorophenol	<0.74		0.74	0.092	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Phenol	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1
Pyrene	<0.036		0.036	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	12/09/24 16:28	12/10/24 12:59	1
2-Fluorobiphenyl (Surr)	79		43 - 145	12/09/24 16:28	12/10/24 12:59	1
2-Fluorophenol (Surr)	76		31 - 166	12/09/24 16:28	12/10/24 12:59	1
Nitrobenzene-d5 (Surr)	77		37 - 147	12/09/24 16:28	12/10/24 12:59	1
Phenol-d5 (Surr)	76		30 - 153	12/09/24 16:28	12/10/24 12:59	1
Terphenyl-d14 (Surr)	95		42 - 157	12/09/24 16:28	12/10/24 12:59	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3500		11	4.5	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Arsenic	5.1		0.55	0.19	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Barium	35		0.55	0.063	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Beryllium	<0.22		0.22	0.051	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Cadmium	0.13		0.11	0.020	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Calcium	48000	B	55	9.3	mg/Kg	☆	12/10/24 16:11	12/13/24 14:05	5
Chromium	5.2		0.55	0.27	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Cobalt	12		0.28	0.072	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Copper	160		2.8	0.77	mg/Kg	☆	12/10/24 16:11	12/13/24 14:05	5
Iron	24000		11	5.7	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Lead	5.7		0.28	0.13	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Magnesium	23000		5.5	2.7	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Manganese	330		0.55	0.080	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Nickel	14		0.55	0.16	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Potassium	690		28	9.7	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Selenium	<0.55		0.55	0.32	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Silver	<0.28		0.28	0.071	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Sodium	800		55	8.1	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Thallium	0.41	J	0.55	0.27	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Vanadium	110		0.28	0.065	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	1
Zinc	52		1.1	0.48	mg/Kg	☆	12/10/24 16:11	12/13/24 00:32	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		12/11/24 14:25	12/12/24 18:40	1
Barium	0.46	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 18:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 18:40	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 18:40	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524

Lab Sample ID: 500-261133-5

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 89.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Iron	0.74		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 18:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 18:40	1
Manganese	0.78		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 18:40	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:40	1
Zinc	0.024	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 18:40	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		12/12/24 08:24	12/12/24 22:14	1
Barium	0.39	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:14	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:14	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:14	1
Chromium	0.010	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Copper	0.067		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Iron	11		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:14	1
Lead	0.023		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:14	1
Manganese	0.52		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Nickel	0.012	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:14	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:14	1
Zinc	0.11	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:14	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		12/16/24 11:30	12/17/24 05:31	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		12/13/24 11:05	12/16/24 09:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.015	J	0.018	0.0076	mg/Kg	☼	12/13/24 16:20	12/16/24 09:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			12/09/24 16:33	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524D

Lab Sample ID: 500-261133-6

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Carbon tetrachloride	<0.0014		0.0014	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Chloromethane	<0.0036		0.0036	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,2-Dichloroethane	<0.0036		0.0036	0.00093	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,3-Dichloropropene, Total	<0.0014		0.0014	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Methyl Ethyl Ketone	<0.0036		0.0036	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
methyl isobutyl ketone	<0.0036		0.0036	0.0025	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Vinyl chloride	<0.0014		0.0014	0.00058	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1
Xylenes, Total	<0.0029		0.0029	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 14:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	12/06/24 19:45	12/10/24 14:15	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 14:15	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	12/06/24 19:45	12/10/24 14:15	1
Toluene-d8 (Surr)	100		75 - 124	12/06/24 19:45	12/10/24 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
1,3-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524D

Lab Sample ID: 500-261133-6

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.34		0.34	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,4,6-Trichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,4-Dichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,4-Dimethylphenol	<0.34		0.34	0.077	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,4-Dinitrophenol	<0.70		0.70	0.20	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,4-Dinitrotoluene	<0.17		0.17	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2,6-Dinitrotoluene	<0.17		0.17	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Chloronaphthalene	<0.17		0.17	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Methylnaphthalene	<0.070		0.070	0.0069	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Nitroaniline	<0.17		0.17	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
2-Nitrophenol	<0.34		0.34	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
3 & 4 Methylphenol	<0.17		0.17	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
3-Nitroaniline	<0.34		0.34	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4,6-Dinitro-2-methylphenol	<0.70		0.70	0.19	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Chloro-3-methylphenol	<0.34		0.34	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Chloroaniline	<0.70		0.70	0.36	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Nitroaniline	<0.34		0.34	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
4-Nitrophenol	<0.70		0.70	0.13	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Acenaphthene	<0.034		0.034	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Acenaphthylene	<0.034		0.034	0.0059	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Anthracene	<0.034		0.034	0.0071	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Benzo[a]anthracene	<0.034		0.034	0.0073	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Benzo[a]pyrene	<0.034		0.034	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Benzo[b]fluoranthene	<0.034		0.034	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Benzo[g,h,i]perylene	<0.034		0.034	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Benzo[k]fluoranthene	<0.034		0.034	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Carbazole	<0.17		0.17	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Chrysene	<0.034		0.034	0.0091	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Dibenz(a,h)anthracene	<0.034		0.034	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Diethyl phthalate	<0.17		0.17	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Dimethyl phthalate	<0.17		0.17	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Di-n-octyl phthalate	<0.34		0.34	0.24	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Fluoranthene	<0.034		0.034	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Fluorene	<0.034		0.034	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Hexachlorobenzene	<0.070		0.070	0.0066	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Hexachlorocyclopentadiene	<0.70		0.70	0.37	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524D

Lab Sample ID: 500-261133-6

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 92.6

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	<0.034		0.034	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Isophorone	<0.17		0.17	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Naphthalene	<0.034		0.034	0.0062	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Nitrobenzene	<0.034		0.034	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
N-Nitrosodi-n-propylamine	<0.070		0.070	0.0068	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
N-Nitrosodiphenylamine	<0.17		0.17	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Pentachlorophenol	<0.70		0.70	0.086	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Phenanthrene	<0.034		0.034	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Phenol	<0.17		0.17	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1
Pyrene	<0.034		0.034	0.0094	mg/Kg	☆	12/09/24 16:28	12/10/24 13:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	12/09/24 16:28	12/10/24 13:23	1
2-Fluorobiphenyl (Surr)	82		43 - 145	12/09/24 16:28	12/10/24 13:23	1
2-Fluorophenol (Surr)	80		31 - 166	12/09/24 16:28	12/10/24 13:23	1
Nitrobenzene-d5 (Surr)	79		37 - 147	12/09/24 16:28	12/10/24 13:23	1
Phenol-d5 (Surr)	76		30 - 153	12/09/24 16:28	12/10/24 13:23	1
Terphenyl-d14 (Surr)	98		42 - 157	12/09/24 16:28	12/10/24 13:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2400		11	4.4	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Antimony	<1.1		1.1	0.21	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Arsenic	8.3		0.54	0.18	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Barium	30		0.54	0.062	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Beryllium	<0.22		0.22	0.050	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Cadmium	0.096	J	0.11	0.019	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Calcium	44000	B	54	9.1	mg/Kg	☆	12/10/24 16:11	12/13/24 14:09	5
Chromium	3.2		0.54	0.27	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Cobalt	13		0.27	0.071	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Copper	180		2.7	0.76	mg/Kg	☆	12/10/24 16:11	12/13/24 14:09	5
Iron	26000		11	5.6	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Lead	4.5		0.27	0.12	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Magnesium	21000		5.4	2.7	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Manganese	390		0.54	0.078	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Nickel	14		0.54	0.16	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Potassium	460		27	9.5	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Selenium	<0.54		0.54	0.32	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Silver	<0.27		0.27	0.070	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Sodium	620		54	8.0	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Thallium	0.33	J	0.54	0.27	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Vanadium	88		0.27	0.064	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	1
Zinc	49		1.1	0.47	mg/Kg	☆	12/10/24 16:11	12/13/24 00:36	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		12/11/24 14:25	12/12/24 18:45	1
Barium	0.33	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 18:45	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 18:45	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 18:45	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-24(5-10)-120524D

Lab Sample ID: 500-261133-6

Date Collected: 12/05/24 09:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 92.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Iron	1.7		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 18:45	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 18:45	1
Manganese	1.2		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 18:45	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:45	1
Zinc	0.029	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 18:45	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		12/12/24 08:24	12/12/24 22:19	1
Barium	0.38	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:19	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Copper	0.027		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Iron	8.6		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:19	1
Manganese	0.62		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Nickel	0.020	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:19	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:19	1
Zinc	0.62		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 05:33	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		12/13/24 11:05	12/16/24 09:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.010	J	0.017	0.0071	mg/Kg	☼	12/13/24 16:20	12/16/24 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.2		0.2	0.2	SU			12/09/24 16:35	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-23(0-5)-120524

Lab Sample ID: 500-261133-7

Date Collected: 12/05/24 09:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0088	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Benzene	<0.0021		0.0021	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Bromodichloromethane	<0.0021		0.0021	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Bromoform	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Bromomethane	<0.0052		0.0052	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Carbon disulfide	<0.0052		0.0052	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Carbon tetrachloride	<0.0021		0.0021	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Chlorobenzene	<0.0021		0.0021	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Chloroethane	<0.0052		0.0052	0.0017	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Chloroform	<0.0021		0.0021	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Chloromethane	<0.0052		0.0052	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Dibromochloromethane	<0.0021		0.0021	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,1-Dichloroethane	<0.0021		0.0021	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,2-Dichloroethane	<0.0052		0.0052	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,1-Dichloroethene	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Ethylbenzene	<0.0021		0.0021	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
2-Hexanone	<0.0052		0.0052	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Methylene Chloride	<0.0052		0.0052	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
methyl isobutyl ketone	<0.0052		0.0052	0.0037	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Styrene	<0.0021		0.0021	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Tetrachloroethene	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Toluene	<0.0021		0.0021	0.00042	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Trichloroethene	<0.0021		0.0021	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Vinyl chloride	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1
Xylenes, Total	<0.0042		0.0042	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 14:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		75 - 131	12/06/24 19:45	12/10/24 14:39	1
Dibromofluoromethane (Surr)	100		75 - 126	12/06/24 19:45	12/10/24 14:39	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	12/06/24 19:45	12/10/24 14:39	1
Toluene-d8 (Surr)	102		75 - 124	12/06/24 19:45	12/10/24 14:39	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	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
1,2-Dichlorobenzene	<0.24		0.24	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
1,3-Dichlorobenzene	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
1,4-Dichlorobenzene	<0.24		0.24	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,2'-oxybis[1-chloropropane]	<0.24		0.24	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-23(0-5)-120524

Lab Sample ID: 500-261133-7

Date Collected: 12/05/24 09:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.48		0.48	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,4,6-Trichlorophenol	<0.48		0.48	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,4-Dichlorophenol	<0.48		0.48	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,4-Dimethylphenol	<0.48		0.48	0.11	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,4-Dinitrophenol	<0.97		0.97	0.28	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,4-Dinitrotoluene	<0.24		0.24	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2,6-Dinitrotoluene	<0.24		0.24	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Chloronaphthalene	<0.24		0.24	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Chlorophenol	<0.24		0.24	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Methylnaphthalene	<0.097		0.097	0.0096	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Methylphenol	<0.24		0.24	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Nitroaniline	<0.24		0.24	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
2-Nitrophenol	<0.48		0.48	0.032	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
3 & 4 Methylphenol	<0.24		0.24	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
3,3'-Dichlorobenzidine	<0.24		0.24	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
3-Nitroaniline	<0.48		0.48	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4,6-Dinitro-2-methylphenol	<0.97		0.97	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Bromophenyl phenyl ether	<0.24		0.24	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Chloro-3-methylphenol	<0.48		0.48	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Chloroaniline	<0.97		0.97	0.50	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Chlorophenyl phenyl ether	<0.24		0.24	0.063	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Nitroaniline	<0.48		0.48	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
4-Nitrophenol	<0.97		0.97	0.18	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Acenaphthene	<0.048		0.048	0.0097	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Acenaphthylene	<0.048		0.048	0.0081	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Anthracene	<0.048		0.048	0.0098	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Benzo[a]anthracene	<0.048		0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Benzo[a]pyrene	<0.048		0.048	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Benzo[b]fluoranthene	<0.048		0.048	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Benzo[g,h,i]perylene	<0.048		0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Benzo[k]fluoranthene	<0.048		0.048	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Bis(2-chloroethoxy)methane	<0.24		0.24	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Bis(2-chloroethyl)ether	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Bis(2-ethylhexyl) phthalate	<0.24		0.24	0.19	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Butyl benzyl phthalate	<0.24		0.24	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Carbazole	<0.24		0.24	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Chrysene	<0.048		0.048	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Dibenz(a,h)anthracene	<0.048		0.048	0.048	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Dibenzofuran	<0.24		0.24	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Diethyl phthalate	<0.24		0.24	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Dimethyl phthalate	<0.24		0.24	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Di-n-butyl phthalate	<0.24		0.24	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Di-n-octyl phthalate	<0.48		0.48	0.33	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Fluoranthene	<0.048		0.048	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Fluorene	<0.048		0.048	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Hexachlorobenzene	<0.097		0.097	0.0092	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Hexachlorobutadiene	<0.24		0.24	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Hexachlorocyclopentadiene	<0.97		0.97	0.51	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Hexachloroethane	<0.24		0.24	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-23(0-5)-120524

Lab Sample ID: 500-261133-7

Date Collected: 12/05/24 09:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.048		0.048	0.047	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Isophorone	<0.24		0.24	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Naphthalene	<0.048		0.048	0.0086	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Nitrobenzene	<0.048		0.048	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
N-Nitrosodi-n-propylamine	<0.097		0.097	0.0094	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
N-Nitrosodiphenylamine	<0.24		0.24	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Pentachlorophenol	<0.97		0.97	0.12	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Phenanthrene	<0.048		0.048	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Phenol	<0.24		0.24	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1
Pyrene	<0.048		0.048	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 13:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		31 - 143	12/09/24 16:28	12/10/24 13:46	1
2-Fluorobiphenyl (Surr)	71		43 - 145	12/09/24 16:28	12/10/24 13:46	1
2-Fluorophenol (Surr)	65		31 - 166	12/09/24 16:28	12/10/24 13:46	1
Nitrobenzene-d5 (Surr)	68		37 - 147	12/09/24 16:28	12/10/24 13:46	1
Phenol-d5 (Surr)	65		30 - 153	12/09/24 16:28	12/10/24 13:46	1
Terphenyl-d14 (Surr)	84		42 - 157	12/09/24 16:28	12/10/24 13:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		9.7	4.0	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Antimony	0.31	J	0.97	0.19	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Arsenic	5.4		0.49	0.17	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Barium	29		0.49	0.055	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Beryllium	0.25		0.19	0.045	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Cadmium	0.33		0.097	0.017	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Calcium	120000	B	190	33	mg/Kg	☆	12/10/24 16:11	12/13/24 14:14	20
Chromium	8.4		0.49	0.24	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Cobalt	5.1		0.24	0.064	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Copper	8.4		0.49	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Iron	9800		9.7	5.1	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Lead	62		0.24	0.11	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Magnesium	85000		97	48	mg/Kg	☆	12/10/24 16:11	12/13/24 14:14	20
Manganese	350		0.49	0.070	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Nickel	12		0.49	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Potassium	1000		24	8.6	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Selenium	<0.49		0.49	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Silver	<0.24		0.24	0.063	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Sodium	160		49	7.2	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Thallium	0.57		0.49	0.24	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Vanadium	13		0.24	0.057	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	1
Zinc	59		0.97	0.43	mg/Kg	☆	12/10/24 16:11	12/13/24 00:41	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		12/11/24 14:25	12/12/24 18:49	1
Barium	0.57		0.50	0.050	mg/L		12/11/24 14:25	12/12/24 18:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 18:49	1
Cadmium	0.0041	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 18:49	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-23(0-5)-120524

Lab Sample ID: 500-261133-7

Date Collected: 12/05/24 09:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Iron	<0.40		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 18:49	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 18:49	1
Manganese	0.78		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 18:49	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 18:49	1
Zinc	0.16	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 18:49	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		12/12/24 08:24	12/12/24 22:32	1
Barium	1.2		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:32	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:32	1
Cadmium	0.0054		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:32	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Copper	0.10		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Iron	2.7		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:32	1
Lead	0.48		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:32	1
Manganese	0.35		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:32	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:32	1
Zinc	0.50		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 05:35	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		12/13/24 11:05	12/16/24 09:11	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.017	0.0069	mg/Kg	☼	12/13/24 16:20	12/16/24 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.9		0.2	0.2	SU			12/09/24 16:38	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-13(0-5)120524

Lab Sample ID: 500-261133-10

Date Collected: 12/05/24 10:30

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 83.1

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	0.0074	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Benzene	<0.0018		0.0018	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Bromodichloromethane	<0.0018		0.0018	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Carbon disulfide	<0.0044		0.0044	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Chlorobenzene	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Chloromethane	<0.0044		0.0044	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Dibromochloromethane	<0.0018		0.0018	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,1-Dichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,1-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Ethylbenzene	<0.0018		0.0018	0.00092	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
methyl isobutyl ketone	<0.0044		0.0044	0.0031	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Styrene	<0.0018		0.0018	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Tetrachloroethene	<0.0018		0.0018	0.00099	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Toluene	<0.0018		0.0018	0.00035	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Vinyl chloride	<0.0018		0.0018	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 15:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	12/06/24 19:45	12/10/24 15:54	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 15:54	1
1,2-Dichloroethane-d4 (Surr)	102		70 - 134	12/06/24 19:45	12/10/24 15:54	1
Toluene-d8 (Surr)	101		75 - 124	12/06/24 19:45	12/10/24 15:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-13(0-5)120524

Lab Sample ID: 500-261133-10

Date Collected: 12/05/24 10:30

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Methylnaphthalene	<0.077		0.077	0.0076	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
4-Nitrophenol	<0.77		0.77	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Anthracene	<0.038		0.038	0.0078	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Benzo[a]anthracene	<0.038		0.038	0.0081	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Benzo[b]fluoranthene	<0.038		0.038	0.036	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Benzo[g,h,i]perylene	<0.038		0.038	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Benzo[k]fluoranthene	<0.038		0.038	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Chrysene	0.030	J	0.038	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-13(0-5)120524

Lab Sample ID: 500-261133-10

Date Collected: 12/05/24 10:30

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 83.1

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	<0.038		0.038	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Naphthalene	<0.038		0.038	0.0069	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
N-Nitrosodiphenylamine	<0.19		0.19	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Pentachlorophenol	<0.77		0.77	0.095	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Phenanthrene	0.029	J	0.038	0.0083	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Phenol	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1
Pyrene	0.014	J	0.038	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 14:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		31 - 143	12/09/24 16:28	12/10/24 14:34	1
2-Fluorobiphenyl (Surr)	81		43 - 145	12/09/24 16:28	12/10/24 14:34	1
2-Fluorophenol (Surr)	70		31 - 166	12/09/24 16:28	12/10/24 14:34	1
Nitrobenzene-d5 (Surr)	73		37 - 147	12/09/24 16:28	12/10/24 14:34	1
Phenol-d5 (Surr)	74		30 - 153	12/09/24 16:28	12/10/24 14:34	1
Terphenyl-d14 (Surr)	94		42 - 157	12/09/24 16:28	12/10/24 14:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4700		12	4.8	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Antimony	0.35	J	1.2	0.23	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Arsenic	8.9		0.59	0.20	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Barium	52		0.59	0.067	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Beryllium	0.81		0.23	0.055	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Cadmium	0.71		0.12	0.021	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Calcium	110000	B	120	20	mg/Kg	☆	12/10/24 16:11	12/13/24 14:27	10
Chromium	6.9		0.59	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Cobalt	5.2		0.29	0.077	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Copper	19		0.59	0.16	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Iron	11000		12	6.1	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Lead	49		0.29	0.14	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Magnesium	72000		59	29	mg/Kg	☆	12/10/24 16:11	12/13/24 14:27	10
Manganese	350		0.59	0.085	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Nickel	16		0.59	0.17	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Potassium	990		29	10	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Selenium	<0.59		0.59	0.34	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Sodium	340		59	8.7	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Thallium	0.83		0.59	0.29	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Vanadium	12		0.29	0.069	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	1
Zinc	130		1.2	0.51	mg/Kg	☆	12/10/24 16:11	12/13/24 01:03	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		12/11/24 14:25	12/12/24 19:12	1
Barium	0.45	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:12	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:12	1
Cadmium	0.0048	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:12	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-13(0-5)120524

Lab Sample ID: 500-261133-10

Date Collected: 12/05/24 10:30

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 83.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Iron	1.4		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:12	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:12	1
Manganese	0.49		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:12	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:12	1
Zinc	0.41	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.034	J	0.050	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Barium	0.47	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:45	1
Beryllium	0.0045		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:45	1
Cadmium	0.0054		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:45	1
Chromium	0.036		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Cobalt	0.012	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Copper	0.085		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Iron	43		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:45	1
Lead	0.18		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:45	1
Manganese	0.90		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Nickel	0.042		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:45	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:45	1
Zinc	0.96		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:45	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		12/16/24 11:30	12/17/24 06:26	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 09:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073		0.019	0.0080	mg/Kg	☼	12/13/24 16:20	12/16/24 09:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.1		0.2	0.2	SU			12/09/24 16:47	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-17(0-5)120524

Lab Sample ID: 500-261133-11

Date Collected: 12/05/24 11:00

Matrix: Solid

Date Received: 12/06/24 13:45

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	<0.021		0.021	0.0087	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Benzene	<0.0021		0.0021	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Bromodichloromethane	<0.0021		0.0021	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Bromoform	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Bromomethane	<0.0052		0.0052	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Carbon disulfide	<0.0052		0.0052	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Carbon tetrachloride	<0.0021		0.0021	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Chlorobenzene	<0.0021		0.0021	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Chloroethane	<0.0052		0.0052	0.0017	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Chloroform	<0.0021		0.0021	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Chloromethane	<0.0052		0.0052	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Dibromochloromethane	<0.0021		0.0021	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,1-Dichloroethane	<0.0021		0.0021	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,2-Dichloroethane	<0.0052		0.0052	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,1-Dichloroethene	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Ethylbenzene	<0.0021		0.0021	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
2-Hexanone	<0.0052		0.0052	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Methylene Chloride	<0.0052		0.0052	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
methyl isobutyl ketone	<0.0052		0.0052	0.0037	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Styrene	<0.0021		0.0021	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Tetrachloroethene	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Toluene	<0.0021		0.0021	0.00042	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Trichloroethene	<0.0021		0.0021	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Vinyl chloride	<0.0021		0.0021	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1
Xylenes, Total	<0.0042		0.0042	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 16:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/06/24 19:45	12/10/24 16:19	1
Dibromofluoromethane (Surr)	104		75 - 126	12/06/24 19:45	12/10/24 16:19	1
1,2-Dichloroethane-d4 (Surr)	103		70 - 134	12/06/24 19:45	12/10/24 16:19	1
Toluene-d8 (Surr)	103		75 - 124	12/06/24 19:45	12/10/24 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-17(0-5)120524

Lab Sample ID: 500-261133-11

Date Collected: 12/05/24 11:00

Matrix: Solid

Date Received: 12/06/24 13:45

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	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Methylnaphthalene	0.019	J	0.076	0.0076	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Acenaphthylene	0.020	J	0.038	0.0064	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Anthracene	0.020	J	0.038	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Benzo[a]anthracene	0.15		0.038	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Benzo[a]pyrene	0.18		0.038	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Benzo[b]fluoranthene	0.29		0.038	0.036	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Benzo[g,h,i]perylene	0.15		0.038	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Benzo[k]fluoranthene	0.11		0.038	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Carbazole	0.016	J	0.19	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Chrysene	0.18		0.038	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Dibenz(a,h)anthracene	0.047		0.038	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Fluoranthene	0.22		0.038	0.0088	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Hexachlorobenzene	<0.076		0.076	0.0073	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-17(0-5)120524

Lab Sample ID: 500-261133-11

Date Collected: 12/05/24 11:00

Matrix: Solid

Date Received: 12/06/24 13:45

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	0.16		0.038	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Naphthalene	0.013	J	0.038	0.0068	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Pentachlorophenol	<0.76		0.76	0.095	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Phenanthrene	0.084		0.038	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1
Pyrene	0.24		0.038	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143	12/09/24 16:28	12/10/24 14:58	1
2-Fluorobiphenyl (Surr)	84		43 - 145	12/09/24 16:28	12/10/24 14:58	1
2-Fluorophenol (Surr)	76		31 - 166	12/09/24 16:28	12/10/24 14:58	1
Nitrobenzene-d5 (Surr)	79		37 - 147	12/09/24 16:28	12/10/24 14:58	1
Phenol-d5 (Surr)	76		30 - 153	12/09/24 16:28	12/10/24 14:58	1
Terphenyl-d14 (Surr)	95		42 - 157	12/09/24 16:28	12/10/24 14:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600		12	4.7	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Antimony	0.90	J F1	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Arsenic	8.9		0.58	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Barium	100	F1	0.58	0.066	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Beryllium	0.55	F1	0.23	0.054	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Cadmium	0.78	F1 B	0.12	0.021	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Calcium	88000	B	120	20	mg/Kg	☆	12/11/24 09:44	12/13/24 23:50	10
Chromium	13		0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Cobalt	7.6		0.29	0.076	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Copper	23		0.58	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Iron	20000		12	6.0	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Lead	96		0.29	0.13	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Magnesium	45000	B	58	29	mg/Kg	☆	12/11/24 09:44	12/13/24 23:50	10
Manganese	470	B	0.58	0.084	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Nickel	19		0.58	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Potassium	1600	F1	29	10	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Selenium	0.55	J F1	0.58	0.34	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Silver	<0.29	F1	0.29	0.075	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Sodium	360	F1	58	8.6	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Thallium	0.64		0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Vanadium	18		0.29	0.068	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	1
Zinc	240		1.2	0.51	mg/Kg	☆	12/11/24 09:44	12/13/24 01:18	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		12/11/24 14:25	12/12/24 19:17	1
Barium	0.71		0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:17	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:17	1
Cadmium	0.0038	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-17(0-5)120524

Lab Sample ID: 500-261133-11

Date Collected: 12/05/24 11:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 84.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Iron	0.77		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:17	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:17	1
Manganese	0.55		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:17	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:17	1
Zinc	0.14	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Barium	0.68		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:49	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:49	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:49	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Copper	0.026		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Iron	1.6		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:49	1
Lead	0.13		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:49	1
Manganese	0.19		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:49	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:49	1
Zinc	0.17	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 06:43	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 09:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.13	F1	0.019	0.0077	mg/Kg	☼	12/13/24 16:20	12/16/24 09:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.6		0.2	0.2	SU			12/09/24 16:50	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-18(0-3)120524

Lab Sample ID: 500-261133-13

Date Collected: 12/05/24 11:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.021		0.021	0.0088	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Benzene	<0.0021		0.0021	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Bromodichloromethane	<0.0021		0.0021	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Bromoform	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Bromomethane	<0.0052		0.0052	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Carbon disulfide	<0.0052		0.0052	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Carbon tetrachloride	<0.0021		0.0021	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Chlorobenzene	<0.0021		0.0021	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Chloroethane	<0.0052		0.0052	0.0017	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Chloroform	<0.0021		0.0021	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Chloromethane	<0.0052		0.0052	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
cis-1,2-Dichloroethene	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
cis-1,3-Dichloropropene	<0.0021		0.0021	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Dibromochloromethane	<0.0021		0.0021	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,1-Dichloroethane	<0.0021		0.0021	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,2-Dichloroethane	<0.0052		0.0052	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,1,1-Dichloroethene	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,2-Dichloropropane	<0.0021		0.0021	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,3-Dichloropropene, Total	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Ethylbenzene	<0.0021		0.0021	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
2-Hexanone	<0.0052		0.0052	0.0032	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Methylene Chloride	<0.0052		0.0052	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Methyl Ethyl Ketone	<0.0052		0.0052	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
methyl isobutyl ketone	<0.0052		0.0052	0.0037	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Methyl tert-butyl ether	<0.0021		0.0021	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Styrene	<0.0021		0.0021	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,1,2,2-Tetrachloroethane	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Tetrachloroethene	<0.0021		0.0021	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Toluene	<0.0021		0.0021	0.00042	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
trans-1,2-Dichloroethene	<0.0021		0.0021	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
trans-1,3-Dichloropropene	<0.0021		0.0021	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,1,1-Trichloroethane	<0.0021		0.0021	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
1,1,2-Trichloroethane	<0.0021		0.0021	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Trichloroethene	<0.0021		0.0021	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Vinyl chloride	<0.0021		0.0021	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1
Xylenes, Total	<0.0042		0.0042	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 17:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		75 - 131	12/06/24 19:45	12/10/24 17:09	1
Dibromofluoromethane (Surr)	98		75 - 126	12/06/24 19:45	12/10/24 17:09	1
1,2-Dichloroethane-d4 (Surr)	96		70 - 134	12/06/24 19:45	12/10/24 17:09	1
Toluene-d8 (Surr)	106		75 - 124	12/06/24 19:45	12/10/24 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-18(0-3)120524

Lab Sample ID: 500-261133-13

Date Collected: 12/05/24 11:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Methylnaphthalene	0.026	J	0.079	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Acenaphthene	0.040		0.039	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Anthracene	0.10		0.039	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Benzo[a]anthracene	0.26		0.039	0.0083	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Benzo[a]pyrene	0.23		0.039	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Benzo[b]fluoranthene	0.31		0.039	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Benzo[g,h,i]perylene	0.15		0.039	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Benzo[k]fluoranthene	0.11		0.039	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Carbazole	0.039	J	0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Chrysene	0.26		0.039	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Dibenz(a,h)anthracene	0.047		0.039	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Dibenzofuran	0.017	J	0.20	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Fluoranthene	0.53		0.039	0.0091	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Fluorene	0.032	J	0.039	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-18(0-3)120524

Lab Sample ID: 500-261133-13

Date Collected: 12/05/24 11:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.3

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	0.16		0.039	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Naphthalene	0.019	J	0.039	0.0071	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0078	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Phenanthrene	0.43		0.039	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Pyrene	0.50		0.039	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 15:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143				12/09/24 16:28	12/10/24 15:46	1
2-Fluorobiphenyl (Surr)	82		43 - 145				12/09/24 16:28	12/10/24 15:46	1
2-Fluorophenol (Surr)	75		31 - 166				12/09/24 16:28	12/10/24 15:46	1
Nitrobenzene-d5 (Surr)	79		37 - 147				12/09/24 16:28	12/10/24 15:46	1
Phenol-d5 (Surr)	76		30 - 153				12/09/24 16:28	12/10/24 15:46	1
Terphenyl-d14 (Surr)	96		42 - 157				12/09/24 16:28	12/10/24 15:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12	4.8	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Antimony	0.32	J	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Arsenic	6.8		0.58	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Barium	91		0.58	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Beryllium	0.46		0.23	0.055	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Cadmium	0.55	B	0.12	0.021	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Calcium	64000	B	58	9.9	mg/Kg	☆	12/11/24 09:44	12/14/24 00:21	5
Chromium	15		0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Cobalt	8.6		0.29	0.076	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Copper	19		0.58	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Iron	20000		12	6.1	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Lead	63		0.29	0.13	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Magnesium	32000	B	5.8	2.9	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Manganese	380	B	0.58	0.085	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Nickel	18		0.58	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Potassium	2000		29	10	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Selenium	0.34	J	0.58	0.34	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Silver	<0.29		0.29	0.075	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Sodium	330		58	8.6	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Thallium	0.63		0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Vanadium	20		0.29	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1
Zinc	170		1.2	0.51	mg/Kg	☆	12/11/24 09:44	12/13/24 01:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Barium	0.49	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:26	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:26	1
Cadmium	0.0024	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:26	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-18(0-3)120524

Lab Sample ID: 500-261133-13

Date Collected: 12/05/24 11:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 80.3

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		12/11/24 14:25	12/12/24 19:26	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Iron	1.1		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:26	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:26	1
Manganese	0.62		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:26	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:26	1
Zinc	0.13	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Barium	0.56		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 22:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 22:58	1
Cadmium	0.0030	J	0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 22:58	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Copper	0.029		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Iron	2.7		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 22:58	1
Lead	0.073		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 22:58	1
Manganese	0.28		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Nickel	0.012	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 22:58	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 22:58	1
Zinc	0.38	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 22:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 06:47	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		12/13/24 11:05	12/16/24 09:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.020	0.0082	mg/Kg	☼	12/13/24 16:20	12/16/24 09:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			12/09/24 16:55	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-19(0-5)120524

Lab Sample ID: 500-261133-14

Date Collected: 12/05/24 11:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Bromomethane	<0.0037		0.0037	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Chloromethane	<0.0037		0.0037	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Dibromochloromethane	<0.0015		0.0015	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,1-Dichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,2-Dichloroethane	<0.0037		0.0037	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,1,1-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,3-Dichloropropene, Total	<0.0015		0.0015	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Ethylbenzene	<0.0015		0.0015	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Methyl Ethyl Ketone	<0.0037		0.0037	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
methyl isobutyl ketone	<0.0037		0.0037	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Styrene	<0.0015		0.0015	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Tetrachloroethene	<0.0015		0.0015	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Vinyl chloride	<0.0015		0.0015	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1
Xylenes, Total	<0.0030		0.0030	0.00051	mg/Kg	☆	12/06/24 19:45	12/10/24 17:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		75 - 131	12/06/24 19:45	12/10/24 17:34	1
Dibromofluoromethane (Surr)	98		75 - 126	12/06/24 19:45	12/10/24 17:34	1
1,2-Dichloroethane-d4 (Surr)	95		70 - 134	12/06/24 19:45	12/10/24 17:34	1
Toluene-d8 (Surr)	104		75 - 124	12/06/24 19:45	12/10/24 17:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-19(0-5)120524

Lab Sample ID: 500-261133-14

Date Collected: 12/05/24 11:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Methylnaphthalene	0.024	J	0.079	0.0078	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
4-Nitrophenol	<0.79		0.79	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Acenaphthylene	0.010	J	0.039	0.0066	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Anthracene	0.0099	J	0.039	0.0080	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Benzo[a]anthracene	0.038	J	0.039	0.0083	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Benzo[a]pyrene	0.041		0.039	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Benzo[b]fluoranthene	0.071		0.039	0.037	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Benzo[g,h,i]perylene	0.043		0.039	0.0084	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Benzo[k]fluoranthene	0.023	J	0.039	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Chrysene	0.051		0.039	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Fluoranthene	0.049		0.039	0.0091	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Hexachlorocyclopentadiene	<0.79		0.79	0.41	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Hexachloroethane	<0.20		0.20	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-19(0-5)120524

Lab Sample ID: 500-261133-14

Date Collected: 12/05/24 11:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.046		0.039	0.038	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Naphthalene	0.0076	J	0.039	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Pentachlorophenol	<0.79		0.79	0.097	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Phenanthrene	0.038	J	0.039	0.0085	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1
Pyrene	0.061		0.039	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		31 - 143	12/09/24 16:28	12/10/24 16:10	1
2-Fluorobiphenyl (Surr)	79		43 - 145	12/09/24 16:28	12/10/24 16:10	1
2-Fluorophenol (Surr)	71		31 - 166	12/09/24 16:28	12/10/24 16:10	1
Nitrobenzene-d5 (Surr)	75		37 - 147	12/09/24 16:28	12/10/24 16:10	1
Phenol-d5 (Surr)	71		30 - 153	12/09/24 16:28	12/10/24 16:10	1
Terphenyl-d14 (Surr)	92		42 - 157	12/09/24 16:28	12/10/24 16:10	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9000		12	4.9	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Antimony	0.48	J	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Arsenic	10		0.60	0.21	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Barium	89		0.60	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Beryllium	0.64		0.24	0.056	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Cadmium	1.7	B	0.12	0.022	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Calcium	77000	B	60	10	mg/Kg	☆	12/11/24 09:44	12/14/24 00:25	5
Chromium	15		0.60	0.30	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Cobalt	7.4		0.30	0.079	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Copper	33		0.60	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Iron	19000		12	6.3	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Lead	120		0.30	0.14	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Magnesium	33000	B	6.0	3.0	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Manganese	260	B	0.60	0.087	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Nickel	21		0.60	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Potassium	1700		30	11	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Selenium	0.37	J	0.60	0.35	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Silver	<0.30		0.30	0.078	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Sodium	170		60	8.9	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Thallium	0.58	J	0.60	0.30	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Vanadium	22		0.30	0.071	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1
Zinc	500		1.2	0.53	mg/Kg	☆	12/11/24 09:44	12/13/24 01:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Barium	0.40	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:31	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:31	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:31	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-19(0-5)120524

Lab Sample ID: 500-261133-14

Date Collected: 12/05/24 11:35

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 81.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Iron	0.55		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:31	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:31	1
Manganese	0.33		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Nickel	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:31	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:31	1
Zinc	0.033	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:31	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		12/12/24 08:24	12/12/24 23:02	1
Barium	0.13	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 23:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 23:02	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 23:02	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Copper	0.017	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Iron	2.2		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 23:02	1
Lead	0.029		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 23:02	1
Manganese	0.095		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 23:02	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:02	1
Zinc	0.060	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 23:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 06:49	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 09:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.10		0.019	0.0080	mg/Kg	☼	12/13/24 16:20	12/16/24 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			12/09/24 16:57	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-21(0-2)120524

Lab Sample ID: 500-261133-15

Date Collected: 12/05/24 12:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0067	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Benzene	0.0014	J	0.0016	0.00050	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Bromodichloromethane	<0.0016		0.0016	0.00052	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Bromoform	<0.0016		0.0016	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Bromomethane	<0.0040		0.0040	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Carbon disulfide	<0.0040		0.0040	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Carbon tetrachloride	<0.0016		0.0016	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Chlorobenzene	<0.0016		0.0016	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Chloroethane	<0.0040		0.0040	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Chloroform	<0.0016		0.0016	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Chloromethane	<0.0040		0.0040	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Dibromochloromethane	<0.0016		0.0016	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,1-Dichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,2-Dichloroethane	<0.0040		0.0040	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,1-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,3-Dichloropropene, Total	<0.0016		0.0016	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Ethylbenzene	<0.0016		0.0016	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
2-Hexanone	<0.0040		0.0040	0.0024	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Methylene Chloride	<0.0040		0.0040	0.0017	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Methyl Ethyl Ketone	<0.0040		0.0040	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
methyl isobutyl ketone	<0.0040		0.0040	0.0029	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00052	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Styrene	<0.0016		0.0016	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Tetrachloroethene	<0.0016		0.0016	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Toluene	0.00032	J	0.0016	0.00032	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Vinyl chloride	<0.0016		0.0016	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1
Xylenes, Total	<0.0032		0.0032	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		75 - 131	12/06/24 19:45	12/10/24 17:59	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 17:59	1
1,2-Dichloroethane-d4 (Surr)	98		70 - 134	12/06/24 19:45	12/10/24 17:59	1
Toluene-d8 (Surr)	112		75 - 124	12/06/24 19:45	12/10/24 17:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-21(0-2)120524

Lab Sample ID: 500-261133-15

Date Collected: 12/05/24 12:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Methylnaphthalene	<0.071		0.071	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
4-Nitrophenol	<0.71		0.71	0.13	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Acenaphthene	<0.035		0.035	0.0071	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Acenaphthylene	0.017	J	0.035	0.0060	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Anthracene	0.026	J	0.035	0.0072	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Benzo[a]anthracene	0.18		0.035	0.0074	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Benzo[a]pyrene	0.20		0.035	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Benzo[b]fluoranthene	0.25		0.035	0.033	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Benzo[g,h,i]perylene	0.12		0.035	0.0076	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Benzo[k]fluoranthene	0.11		0.035	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Butyl benzyl phthalate	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Chrysene	0.19		0.035	0.0093	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Dibenz(a,h)anthracene	0.038		0.035	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Dibenzofuran	0.013	J	0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Dimethyl phthalate	<0.18		0.18	0.0076	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Fluoranthene	0.24		0.035	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Hexachlorobenzene	<0.071		0.071	0.0067	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-21(0-2)120524

Lab Sample ID: 500-261133-15

Date Collected: 12/05/24 12:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 91.4

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	0.13		0.035	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Naphthalene	0.010	J	0.035	0.0063	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.0069	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Pentachlorophenol	<0.71		0.71	0.088	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Phenanthrene	0.11		0.035	0.0076	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1
Pyrene	0.25		0.035	0.0096	mg/Kg	☆	12/09/24 16:28	12/10/24 16:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		31 - 143	12/09/24 16:28	12/10/24 16:34	1
2-Fluorobiphenyl (Surr)	82		43 - 145	12/09/24 16:28	12/10/24 16:34	1
2-Fluorophenol (Surr)	74		31 - 166	12/09/24 16:28	12/10/24 16:34	1
Nitrobenzene-d5 (Surr)	76		37 - 147	12/09/24 16:28	12/10/24 16:34	1
Phenol-d5 (Surr)	74		30 - 153	12/09/24 16:28	12/10/24 16:34	1
Terphenyl-d14 (Surr)	91		42 - 157	12/09/24 16:28	12/10/24 16:34	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5800		10	4.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Antimony	0.28	J	1.0	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Arsenic	5.1		0.52	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Barium	40		0.52	0.059	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Beryllium	0.39		0.21	0.048	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Cadmium	0.37	B	0.10	0.019	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Calcium	77000	B	52	8.8	mg/Kg	☆	12/11/24 09:44	12/14/24 00:30	5
Chromium	8.3		0.52	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Cobalt	6.6		0.26	0.068	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Copper	13		0.52	0.14	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Iron	12000		10	5.4	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Lead	36		0.26	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Magnesium	43000	B	26	13	mg/Kg	☆	12/11/24 09:44	12/14/24 00:30	5
Manganese	300	B	0.52	0.075	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Nickel	15		0.52	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Potassium	1300		26	9.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Selenium	<0.52		0.52	0.30	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Silver	<0.26		0.26	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Sodium	160		52	7.7	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Thallium	0.44	J	0.52	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Vanadium	14		0.26	0.061	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	1
Zinc	74		1.0	0.45	mg/Kg	☆	12/11/24 09:44	12/13/24 02:03	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		12/11/24 14:25	12/12/24 19:35	1
Barium	0.51		0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:35	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:35	1
Cadmium	0.0041	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:35	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-21(0-2)120524

Lab Sample ID: 500-261133-15

Date Collected: 12/05/24 12:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Copper	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Iron	0.35	J	0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:35	1
Lead	0.0088		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:35	1
Manganese	1.7		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Nickel	0.013	J	0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:35	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:35	1
Zinc	0.15	J B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Barium	0.17	J	0.50	0.050	mg/L		12/12/24 08:24	12/12/24 23:07	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 23:07	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 23:07	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Copper	0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Iron	6.6		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 23:07	1
Lead	0.14		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 23:07	1
Manganese	0.48		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Nickel	0.011	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 23:07	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:07	1
Zinc	0.16	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 23:07	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		12/16/24 11:30	12/17/24 06:51	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 09:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.061		0.017	0.0069	mg/Kg	☼	12/13/24 16:20	12/16/24 09:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			12/09/24 17:00	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-20(0-5)120524

Lab Sample ID: 500-261133-16

Date Collected: 12/05/24 12:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.6

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	0.0069	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Benzene	<0.0017		0.0017	0.00052	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Bromodichloromethane	<0.0017		0.0017	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Bromoform	<0.0017		0.0017	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Bromomethane	<0.0041		0.0041	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Carbon disulfide	<0.0041		0.0041	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Carbon tetrachloride	<0.0017		0.0017	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Chlorobenzene	<0.0017		0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Chloroethane	<0.0041		0.0041	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Chloromethane	<0.0041		0.0041	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Dibromochloromethane	<0.0017		0.0017	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,1-Dichloroethane	<0.0017		0.0017	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,2-Dichloroethane	<0.0041		0.0041	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,1-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Ethylbenzene	<0.0017		0.0017	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
2-Hexanone	<0.0041		0.0041	0.0025	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Methylene Chloride	<0.0041		0.0041	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Methyl Ethyl Ketone	<0.0041		0.0041	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
methyl isobutyl ketone	<0.0041		0.0041	0.0029	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Styrene	<0.0017		0.0017	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Tetrachloroethene	<0.0017		0.0017	0.00093	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Toluene	<0.0017		0.0017	0.00033	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00067	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00062	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Trichloroethene	<0.0017		0.0017	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Vinyl chloride	<0.0017		0.0017	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1
Xylenes, Total	<0.0033		0.0033	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	12/06/24 19:45	12/10/24 18:23	1
Dibromofluoromethane (Surr)	100		75 - 126	12/06/24 19:45	12/10/24 18:23	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	12/06/24 19:45	12/10/24 18:23	1
Toluene-d8 (Surr)	101		75 - 124	12/06/24 19:45	12/10/24 18:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-20(0-5)120524

Lab Sample ID: 500-261133-16

Date Collected: 12/05/24 12:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Methylnaphthalene	<0.071		0.071	0.0071	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
4-Nitrophenol	<0.71		0.71	0.13	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Anthracene	<0.035		0.035	0.0072	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Benzo[a]anthracene	<0.035		0.035	0.0075	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Benzo[g,h,i]perylene	<0.035		0.035	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Chrysene	<0.035		0.035	0.0093	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Fluoranthene	<0.035		0.035	0.0082	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Hexachlorobenzene	<0.071		0.071	0.0068	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Hexachlorocyclopentadiene	<0.71		0.71	0.38	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-20(0-5)120524

Lab Sample ID: 500-261133-16

Date Collected: 12/05/24 12:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.034	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.0070	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Pentachlorophenol	<0.71		0.71	0.088	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Phenanthrene	<0.035		0.035	0.0077	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1
Pyrene	<0.035		0.035	0.0097	mg/Kg	☆	12/09/24 16:28	12/10/24 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	78		31 - 143	12/09/24 16:28	12/10/24 16:58	1
2-Fluorobiphenyl (Surr)	83		43 - 145	12/09/24 16:28	12/10/24 16:58	1
2-Fluorophenol (Surr)	78		31 - 166	12/09/24 16:28	12/10/24 16:58	1
Nitrobenzene-d5 (Surr)	82		37 - 147	12/09/24 16:28	12/10/24 16:58	1
Phenol-d5 (Surr)	77		30 - 153	12/09/24 16:28	12/10/24 16:58	1
Terphenyl-d14 (Surr)	95		42 - 157	12/09/24 16:28	12/10/24 16:58	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8000		10	4.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Antimony	<1.0		1.0	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Arsenic	5.9		0.51	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Barium	39		0.51	0.058	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Beryllium	0.34		0.20	0.048	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Cadmium	0.22	B	0.10	0.018	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Calcium	57000	B	51	8.6	mg/Kg	☆	12/11/24 09:44	12/14/24 00:34	5
Chromium	11		0.51	0.25	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Cobalt	8.4		0.25	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Copper	12		0.51	0.14	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Iron	14000		10	5.3	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Lead	15		0.25	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Magnesium	26000	B	5.1	2.5	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Manganese	500	B	0.51	0.074	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Nickel	19		0.51	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Potassium	1500		25	9.0	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Selenium	<0.51		0.51	0.30	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Silver	<0.25		0.25	0.066	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Sodium	110		51	7.5	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Thallium	0.41	J	0.51	0.25	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Vanadium	20		0.25	0.060	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	1
Zinc	52		1.0	0.45	mg/Kg	☆	12/11/24 09:44	12/13/24 02:07	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		12/11/24 14:25	12/12/24 19:40	1
Barium	0.30	J	0.50	0.050	mg/L		12/11/24 14:25	12/12/24 19:40	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/11/24 14:25	12/12/24 19:40	1
Cadmium	0.0047	J	0.0050	0.0020	mg/L		12/11/24 14:25	12/12/24 19:40	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Client Sample ID: RV-20(0-5)120524

Lab Sample ID: 500-261133-16

Date Collected: 12/05/24 12:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Cobalt	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Copper	0.015	J	0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Iron	1.5		0.40	0.20	mg/L		12/11/24 14:25	12/12/24 19:40	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/11/24 14:25	12/12/24 19:40	1
Manganese	1.0		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Nickel	0.026		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Selenium	<0.050		0.050	0.020	mg/L		12/11/24 14:25	12/12/24 19:40	1
Silver	<0.025		0.025	0.010	mg/L		12/11/24 14:25	12/12/24 19:40	1
Zinc	1.1	B	0.50	0.020	mg/L		12/11/24 14:25	12/12/24 19:40	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		12/12/24 08:24	12/12/24 23:11	1
Barium	<0.50		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 23:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 23:11	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 23:11	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Iron	2.0		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 23:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 23:11	1
Manganese	0.054		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 23:11	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:11	1
Zinc	<0.50		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 23:11	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		12/16/24 11:30	12/17/24 06:54	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		12/13/24 11:05	12/16/24 11:04	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.034		0.018	0.0073	mg/Kg	☼	12/13/24 16:20	12/16/24 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.4		0.2	0.2	SU			12/09/24 17:02	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261133-1

Qualifiers

GC/MS VOA

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

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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)
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 009 I-80 at Des Plaines River

Job ID: 500-261133-1

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	100201	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 731679

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slesers		Site Contact: S House		Date: 12/15/24		COC No	
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>I Knapp</u>		Carrier:		1 of ____ COCs	
Address <u>300 Knightsbridge Plany #360</u>		Analysis Turnaround Time		Filtered Sample (Y/N) Perform MS / MSD (Y/N) NOCs SVOCs Total Metals TCUP/SP/PP Metals pH		 500-261133 COC		Sampler	
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below _____						Walk-in Client	
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling	
Project Name <u>1-80 at Des Plaines River</u>		Sample Date		Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont	Job / SDG No	
Site <u>Joliet IL</u>								<u>500-261133</u>	
P.O.# <u>02056 018-009</u>								Sample Specific Notes	
Sample Identification									
1	RV-25(0-3)-120524	12/15/24	0855	G	S				
2	RV-14(0-3)-120524		0910						
3	RV-15(0-3)-120524		0920						
4	RV-24(0-5)-120524		0935						
5	RV-24(5-10)-120524		0940						
6	RV-24(5-10)-120524D		0940						
7	RV-23(0-5)-120524		0950						
8	RV-16(0-5)-120524		1015						
9	RV-16(5-10)-120524		1020						
10	RV-13(0-5)-120524		1030						
11	RV-17(0-5)-120524		1100						
12	RV-22(0-5)-120524		1115						
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)			
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments: Include Fe + Mn									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Corr'd _____		Therm ID No _____			
Relinquished by <u>Stacy Droue</u>		Company <u>Weston Solutions</u>		Date/Time <u>12/15/24</u>		Received by <u>[Signature]</u>		Company <u>WESTON</u>	
Relinquished by <u>[Signature]</u>		Company <u>WESTON</u>		Date/Time <u>12/16/24 0920</u>		Received by <u>[Signature]</u>		Company <u>EEIA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EEIA</u>		Date/Time <u>12/16/24 1345</u>		Received in Laboratory by <u>Stephanie Hemondy</u>		Company <u>EEIA</u>	

Chain of Custody Record 734680

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: <u>A. Slegers</u>		Site Contact: <u>S. House</u>		Date: <u>12/5/24</u>		COC No	
Company Name <u>Weston Solutions</u>		Tel/Email		Lab Contact <u>J. Crapp</u>		Carrier		<u>2</u> of <u> </u> COCs	
Address <u>300 Knight's Bridge, PKwy #300</u>		Analysis Turnaround Time		Filtered Sample (Y/N) <u> </u> Perform MS / MSD (Y/N) <u> </u> <u>VOCs</u> <u>SVOCs</u> <u>Total Metals</u> <u>ICAPSPUP Metals</u> <u>PAH</u>		Sampler For Lab Use Only: Walk-in Client ☐ Lab Sampling ☐ Job / SDG No <u>500-261133</u>		Sample Specific Notes	
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day							
Phone									
Fax									
Project Name <u>802A Des Plaines River</u>									
Site <u>Toliet IL</u>									
PO# <u>02056.018.009</u>									
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.				
RV-18(0-3)-120524	12/5/24	1125	G	S					
RV-19(0-5)-120524		1135	G	S					
RV-21(0-2)-120524		1200	G	S					
RV-20(0-5)-120524		1215	G	S					
RV-3(0-3)-120524		1300	G	S					
RV-4(0-4)-120524		1315	G	S					
RV-8(0-2)-120524		1420	G	S					
RV-7(0-5)-120524		1415	G	S					
RV-9(0-2)-120524		1425	G	S					
RV-12(0-2)-120524		1450	G	S					
RV-11(0-2)-120524		1455	G	S					
RV-11(0-2)-120524 D		1455	G	S					
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)			
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments: <u>Include Fe + Mn</u>									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd _____ Cor'd _____		Therm ID No			
Relinquished by <u>H. House</u>		Company <u>Weston Solutions</u>		Date/Time <u>12/5/24 1300</u>		Received by <u>[Signature]</u>		Company <u>Weston</u>	
Relinquished by <u>[Signature]</u>		Company <u>WESTON</u>		Date/Time <u>12/6/24 0920</u>		Received by <u>[Signature]</u>		Company <u>EEA</u>	
Relinquished by <u>[Signature]</u>		Company <u>EEA</u>		Date/Time <u>12/6/24 1345</u>		Received in Laboratory by <u>[Signature]</u>		Company <u>EEA</u>	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 12/17/2024 4:03:39 PM

JOB DESCRIPTION

IDOT- WO 009 I-80 at Des Plaines River

JOB NUMBER

500-261134-1

Eurofins Chicago

Job Notes

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

Authorization



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12/17/2024 4:03:39 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 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-3(0-3)-120524

Lab Sample ID: 500-261134-1

Date Collected: 12/05/24 13:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.2

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	☆	12/06/24 19:45	12/10/24 18:48	1
Benzene	<0.0019		0.0019	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Carbon disulfide	<0.0047		0.0047	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Chloroethane	<0.0047		0.0047	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Chloromethane	<0.0047		0.0047	0.00091	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Dibromochloromethane	<0.0019		0.0019	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,1-Dichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Ethylbenzene	<0.0019		0.0019	0.00099	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
2-Hexanone	<0.0047		0.0047	0.0029	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
methyl isobutyl ketone	<0.0047		0.0047	0.0034	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Styrene	<0.0019		0.0019	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Vinyl chloride	<0.0019		0.0019	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		75 - 131	12/06/24 19:45	12/10/24 18:48	1
Dibromofluoromethane (Surr)	105		75 - 126	12/06/24 19:45	12/10/24 18:48	1
1,2-Dichloroethane-d4 (Surr)	101		70 - 134	12/06/24 19:45	12/10/24 18:48	1
Toluene-d8 (Surr)	114		75 - 124	12/06/24 19:45	12/10/24 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.17		0.17	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
1,3-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-3(0-3)-120524

Lab Sample ID: 500-261134-1

Date Collected: 12/05/24 13:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.34		0.34	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,4,6-Trichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,4-Dichlorophenol	<0.34		0.34	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,4-Dimethylphenol	<0.34		0.34	0.077	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,4-Dinitrophenol	<0.70		0.70	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,4-Dinitrotoluene	<0.17		0.17	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2,6-Dinitrotoluene	<0.17		0.17	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Chloronaphthalene	<0.17		0.17	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Methylnaphthalene	0.015	J	0.070	0.0069	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Nitroaniline	<0.17		0.17	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
2-Nitrophenol	<0.34		0.34	0.023	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
3 & 4 Methylphenol	<0.17		0.17	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
3,3'-Dichlorobenzidine	<0.17	F2	0.17	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
3-Nitroaniline	<0.34		0.34	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4,6-Dinitro-2-methylphenol	<0.70		0.70	0.19	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Chloro-3-methylphenol	<0.34		0.34	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Chloroaniline	<0.70		0.70	0.36	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.045	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Nitroaniline	<0.34		0.34	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
4-Nitrophenol	<0.70		0.70	0.13	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Acenaphthene	<0.034		0.034	0.0070	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Acenaphthylene	<0.034		0.034	0.0059	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Anthracene	<0.034		0.034	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Benzo[a]anthracene	0.048		0.034	0.0073	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Benzo[a]pyrene	0.045		0.034	0.033	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Benzo[b]fluoranthene	0.058		0.034	0.033	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Benzo[g,h,i]perylene	0.060		0.034	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Benzo[k]fluoranthene	0.025	J	0.034	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.14	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Carbazole	<0.17		0.17	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Chrysene	0.066		0.034	0.0091	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Dibenz(a,h)anthracene	<0.034		0.034	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Diethyl phthalate	<0.17		0.17	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Dimethyl phthalate	<0.17		0.17	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Di-n-octyl phthalate	<0.34		0.34	0.24	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Fluoranthene	0.061		0.034	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Fluorene	<0.034		0.034	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Hexachlorobenzene	<0.070		0.070	0.0066	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Hexachlorocyclopentadiene	<0.70		0.70	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-3(0-3)-120524

Lab Sample ID: 500-261134-1

Date Collected: 12/05/24 13:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.2

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	0.042		0.034	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Isophorone	<0.17		0.17	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Naphthalene	0.010	J	0.034	0.0062	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Nitrobenzene	<0.034		0.034	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
N-Nitrosodi-n-propylamine	<0.070		0.070	0.0068	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
N-Nitrosodiphenylamine	<0.17		0.17	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Pentachlorophenol	<0.70		0.70	0.086	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Phenanthrene	0.056		0.034	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Phenol	<0.17		0.17	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1
Pyrene	0.090		0.034	0.0094	mg/Kg	☆	12/10/24 11:04	12/11/24 19:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		31 - 143	12/10/24 11:04	12/11/24 19:54	1
2-Fluorobiphenyl (Surr)	82		43 - 145	12/10/24 11:04	12/11/24 19:54	1
2-Fluorophenol (Surr)	75		31 - 166	12/10/24 11:04	12/11/24 19:54	1
Nitrobenzene-d5 (Surr)	73		37 - 147	12/10/24 11:04	12/11/24 19:54	1
Phenol-d5 (Surr)	74		30 - 153	12/10/24 11:04	12/11/24 19:54	1
Terphenyl-d14 (Surr)	96		42 - 157	12/10/24 11:04	12/11/24 19:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7100		10	4.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Antimony	0.23	J	1.0	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Arsenic	8.8		0.52	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Barium	61		0.52	0.059	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Beryllium	0.27		0.21	0.048	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Cadmium	0.38	B	0.10	0.019	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Calcium	58000	B	52	8.8	mg/Kg	☆	12/11/24 09:44	12/14/24 00:38	5
Chromium	11		0.52	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Cobalt	9.5		0.26	0.068	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Copper	15		0.52	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Iron	20000		10	5.4	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Lead	23		0.26	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Magnesium	28000	B	5.2	2.6	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Manganese	610	B	0.52	0.075	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Nickel	18		0.52	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Potassium	1300		26	9.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Selenium	0.44	J	0.52	0.30	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Silver	<0.26		0.26	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Sodium	110		52	7.7	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Thallium	0.47	J	0.52	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Vanadium	19		0.26	0.061	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1
Zinc	79		1.0	0.45	mg/Kg	☆	12/11/24 09:44	12/13/24 02:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Barium	0.50		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 23:33	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 23:33	1
Cadmium	0.0032	J	0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 23:33	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-3(0-3)-120524

Lab Sample ID: 500-261134-1

Date Collected: 12/05/24 13:00

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Iron	0.75		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 23:33	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 23:33	1
Manganese	1.4		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 23:33	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:33	1
Zinc	0.14	J	0.50	0.020	mg/L		12/12/24 08:24	12/12/24 23:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050	F1	0.050	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Barium	0.27	J	0.50	0.050	mg/L		12/12/24 08:23	12/13/24 03:22	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:23	12/13/24 03:22	1
Cadmium	0.0035	J	0.0050	0.0020	mg/L		12/12/24 08:23	12/13/24 03:22	1
Chromium	<0.025	F1	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Copper	0.032		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Iron	3.1	F1	0.40	0.20	mg/L		12/12/24 08:23	12/13/24 03:22	1
Lead	0.042	F1	0.0075	0.0075	mg/L		12/12/24 08:23	12/13/24 03:22	1
Manganese	0.31	F1	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Nickel	0.016	J	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:23	12/13/24 03:22	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:22	1
Zinc	0.47	J F1	0.50	0.020	mg/L		12/12/24 08:23	12/13/24 12:07	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		12/13/24 11:05	12/16/24 09:51	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 09:06	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.34		0.017	0.0071	mg/Kg	☼	12/16/24 16:20	12/17/24 05:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			12/09/24 17:07	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-8(0-2)120524

Lab Sample ID: 500-261134-3

Date Collected: 12/05/24 14:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0085	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Benzene	<0.0020		0.0020	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Bromodichloromethane	<0.0020		0.0020	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Bromomethane	<0.0051		0.0051	0.0025	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Carbon disulfide	<0.0051		0.0051	0.00093	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Carbon tetrachloride	<0.0020		0.0020	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Chlorobenzene	<0.0020		0.0020	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Chloroethane	<0.0051		0.0051	0.0017	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Chloroform	<0.0020		0.0020	0.0015	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Chloromethane	<0.0051	+	0.0051	0.00098	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Dibromochloromethane	<0.0020		0.0020	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,1-Dichloroethane	<0.0020		0.0020	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,2-Dichloroethane	<0.0051		0.0051	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,1-Dichloroethene	<0.0020		0.0020	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
2-Hexanone	<0.0051		0.0051	0.0031	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Methylene Chloride	<0.0051		0.0051	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
methyl isobutyl ketone	<0.0051		0.0051	0.0036	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Styrene	<0.0020		0.0020	0.00091	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Toluene	<0.0020		0.0020	0.00041	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Trichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Vinyl chloride	<0.0020	+	0.0020	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 11:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	12/06/24 19:45	12/10/24 11:55	1
Dibromofluoromethane (Surr)	101		75 - 126	12/06/24 19:45	12/10/24 11:55	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	12/06/24 19:45	12/10/24 11:55	1
Toluene-d8 (Surr)	96		75 - 124	12/06/24 19:45	12/10/24 11:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-8(0-2)120524

Lab Sample ID: 500-261134-3

Date Collected: 12/05/24 14:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.41		0.41	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,4-Dichlorophenol	<0.41		0.41	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,4-Dimethylphenol	<0.41		0.41	0.092	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,4-Dinitrotoluene	<0.21		0.21	0.023	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2,6-Dinitrotoluene	<0.21		0.21	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Methylnaphthalene	0.058	J	0.083	0.0083	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Chloro-3-methylphenol	<0.41		0.41	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
4-Nitrophenol	<0.83		0.83	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Acenaphthene	0.023	J	0.041	0.0084	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Acenaphthylene	0.016	J	0.041	0.0070	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Anthracene	0.055		0.041	0.0084	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Benzo[a]anthracene	0.31		0.041	0.0087	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Benzo[a]pyrene	0.31		0.041	0.040	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Benzo[b]fluoranthene	0.49		0.041	0.039	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Benzo[g,h,i]perylene	0.30		0.041	0.0089	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Benzo[k]fluoranthene	0.15		0.041	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Butyl benzyl phthalate	<0.21		0.21	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Carbazole	0.045	J	0.21	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Chrysene	0.41		0.041	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Dibenz(a,h)anthracene	0.080		0.041	0.041	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Dibenzofuran	0.026	J	0.21	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Diethyl phthalate	0.024	J	0.21	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Dimethyl phthalate	<0.21		0.21	0.0090	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Fluoranthene	0.63		0.041	0.0096	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Fluorene	0.020	J	0.041	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Hexachlorobenzene	<0.083		0.083	0.0079	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Hexachlorocyclopentadiene	<0.83		0.83	0.44	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-8(0-2)120524

Lab Sample ID: 500-261134-3

Date Collected: 12/05/24 14:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 79.1

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	0.27		0.041	0.040	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Naphthalene	0.045		0.041	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.0081	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
N-Nitrosodiphenylamine	<0.21		0.21	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Pentachlorophenol	<0.83		0.83	0.10	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Phenanthrene	0.45		0.041	0.0090	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Phenol	<0.21		0.21	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Pyrene	0.60		0.041	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 12:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	60		31 - 143				12/10/24 11:04	12/11/24 12:28	1
2-Fluorobiphenyl (Surr)	75		43 - 145				12/10/24 11:04	12/11/24 12:28	1
2-Fluorophenol (Surr)	64		31 - 166				12/10/24 11:04	12/11/24 12:28	1
Nitrobenzene-d5 (Surr)	69		37 - 147				12/10/24 11:04	12/11/24 12:28	1
Phenol-d5 (Surr)	65		30 - 153				12/10/24 11:04	12/11/24 12:28	1
Terphenyl-d14 (Surr)	80		42 - 157				12/10/24 11:04	12/11/24 12:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7800		13	5.2	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Antimony	0.35	J	1.3	0.25	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Arsenic	8.4		0.63	0.22	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Barium	68		0.63	0.072	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Beryllium	0.53		0.25	0.059	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Cadmium	0.64	B	0.13	0.023	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Calcium	120000	B	130	21	mg/Kg	☆	12/11/24 09:44	12/14/24 00:47	10
Chromium	12		0.63	0.31	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Cobalt	7.8		0.32	0.083	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Copper	17		0.63	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Iron	15000		13	6.6	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Lead	69		0.32	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Magnesium	69000	B	63	31	mg/Kg	☆	12/11/24 09:44	12/14/24 00:47	10
Manganese	470	B	0.63	0.091	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Nickel	19		0.63	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Potassium	1400		32	11	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Selenium	0.51	J	0.63	0.37	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Silver	<0.32		0.32	0.081	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Sodium	220		63	9.3	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Thallium	0.70		0.63	0.31	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Vanadium	18		0.32	0.074	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1
Zinc	160		1.3	0.55	mg/Kg	☆	12/11/24 09:44	12/13/24 02:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.050		0.050	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Barium	0.56		0.50	0.050	mg/L		12/12/24 08:24	12/12/24 23:56	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/12/24 23:56	1
Cadmium	0.0065		0.0050	0.0020	mg/L		12/12/24 08:24	12/12/24 23:56	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-8(0-2)120524

Lab Sample ID: 500-261134-3

Date Collected: 12/05/24 14:20

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 79.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Copper	0.016	J	0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Iron	1.5		0.40	0.20	mg/L		12/12/24 08:24	12/12/24 23:56	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/12/24 23:56	1
Manganese	0.57		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Nickel	0.042		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/12/24 23:56	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/12/24 23:56	1
Zinc	3.9		0.50	0.020	mg/L		12/12/24 08:24	12/12/24 23:56	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		12/12/24 08:23	12/13/24 03:44	1
Barium	0.49	J	0.50	0.050	mg/L		12/12/24 08:23	12/13/24 03:44	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:23	12/13/24 03:44	1
Cadmium	0.0047	J	0.0050	0.0020	mg/L		12/12/24 08:23	12/13/24 03:44	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Copper	0.037		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Iron	3.6		0.40	0.20	mg/L		12/12/24 08:23	12/13/24 03:44	1
Lead	0.11		0.0075	0.0075	mg/L		12/12/24 08:23	12/13/24 03:44	1
Manganese	0.28		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Nickel	0.016	J	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:23	12/13/24 03:44	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:44	1
Zinc	0.70		0.50	0.020	mg/L		12/12/24 08:23	12/13/24 12:29	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		12/13/24 11:05	12/16/24 10:03	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		12/16/24 11:30	12/17/24 09:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063		0.020	0.0083	mg/Kg	☼	12/16/24 16:20	12/17/24 06:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.8		0.2	0.2	SU			12/09/24 17:14	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-7(0-5)120524

Lab Sample ID: 500-261134-4

Date Collected: 12/05/24 14:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Chlorobenzene	<0.0020		0.0020	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Chloromethane	<0.0050	+	0.0050	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
methyl isobutyl ketone	<0.0050		0.0050	0.0036	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Vinyl chloride	<0.0020	+	0.0020	0.00082	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 12:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		75 - 131	12/06/24 19:45	12/10/24 12:19	1
Dibromofluoromethane (Surr)	101		75 - 126	12/06/24 19:45	12/10/24 12:19	1
1,2-Dichloroethane-d4 (Surr)	106		70 - 134	12/06/24 19:45	12/10/24 12:19	1
Toluene-d8 (Surr)	96		75 - 124	12/06/24 19:45	12/10/24 12:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-7(0-5)120524

Lab Sample ID: 500-261134-4

Date Collected: 12/05/24 14:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2,6-Dinitrotoluene	<0.19		0.19	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Methylnaphthalene	<0.076		0.076	0.0076	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.031	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Chloro-3-methylphenol	<0.38		0.38	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
4-Nitrophenol	<0.76		0.76	0.14	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Acenaphthene	<0.038		0.038	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Acenaphthylene	<0.038		0.038	0.0064	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Anthracene	<0.038		0.038	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Benzo[a]anthracene	0.038		0.038	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Benzo[a]pyrene	0.050		0.038	0.036	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Benzo[b]fluoranthene	0.076		0.038	0.036	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Benzo[g,h,i]perylene	0.048		0.038	0.0082	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Benzo[k]fluoranthene	0.023 J		0.038	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Chrysene	0.046		0.038	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Di-n-octyl phthalate	<0.38		0.38	0.26	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Fluoranthene	0.038		0.038	0.0088	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-7(0-5)120524

Lab Sample ID: 500-261134-4

Date Collected: 12/05/24 14:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.053		0.038	0.037	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Naphthalene	<0.038		0.038	0.0068	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
N-Nitrosodiphenylamine	<0.19		0.19	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Pentachlorophenol	<0.76		0.76	0.095	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Phenanthrene	0.015	J	0.038	0.0082	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Phenol	<0.19		0.19	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1
Pyrene	0.045		0.038	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 12:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		31 - 143	12/10/24 11:04	12/11/24 12:53	1
2-Fluorobiphenyl (Surr)	87		43 - 145	12/10/24 11:04	12/11/24 12:53	1
2-Fluorophenol (Surr)	84		31 - 166	12/10/24 11:04	12/11/24 12:53	1
Nitrobenzene-d5 (Surr)	83		37 - 147	12/10/24 11:04	12/11/24 12:53	1
Phenol-d5 (Surr)	82		30 - 153	12/10/24 11:04	12/11/24 12:53	1
Terphenyl-d14 (Surr)	99		42 - 157	12/10/24 11:04	12/11/24 12:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8600		12	4.8	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Antimony	0.41	J	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Arsenic	6.9		0.59	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Barium	79		0.59	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Beryllium	0.63		0.23	0.055	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Cadmium	0.41	B	0.12	0.021	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Calcium	72000	B	59	9.9	mg/Kg	☆	12/11/24 09:44	12/14/24 01:00	5
Chromium	11		0.59	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Cobalt	6.4		0.29	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Copper	17		0.59	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Iron	15000		12	6.1	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Lead	77		0.29	0.14	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Magnesium	34000	B	5.9	2.9	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Manganese	360	B	0.59	0.085	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Nickel	16		0.59	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Potassium	1400		29	10	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Selenium	0.46	J	0.59	0.34	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Sodium	130		59	8.7	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Thallium	0.48	J	0.59	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Vanadium	19		0.29	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	1
Zinc	110		1.2	0.51	mg/Kg	☆	12/11/24 09:44	12/13/24 02:25	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		12/12/24 08:24	12/13/24 00:01	1
Barium	0.36	J	0.50	0.050	mg/L		12/12/24 08:24	12/13/24 00:01	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/13/24 00:01	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/13/24 00:01	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-7(0-5)120524

Lab Sample ID: 500-261134-4

Date Collected: 12/05/24 14:15

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 85.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Iron	1.3		0.40	0.20	mg/L		12/12/24 08:24	12/13/24 00:01	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/13/24 00:01	1
Manganese	0.30		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/13/24 00:01	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:01	1
Zinc	0.047 J		0.50	0.020	mg/L		12/12/24 08:24	12/13/24 00:01	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		12/12/24 08:23	12/13/24 03:57	1
Barium	0.27 J		0.50	0.050	mg/L		12/12/24 08:23	12/13/24 03:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:23	12/13/24 03:57	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:23	12/13/24 03:57	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Copper	0.019 J		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Iron	1.6		0.40	0.20	mg/L		12/12/24 08:23	12/13/24 03:57	1
Lead	0.024		0.0075	0.0075	mg/L		12/12/24 08:23	12/13/24 03:57	1
Manganese	0.30		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:23	12/13/24 03:57	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 03:57	1
Zinc	0.070 J		0.50	0.020	mg/L		12/12/24 08:23	12/13/24 12:33	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		12/13/24 11:05	12/16/24 10:06	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 09:16	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.075		0.019	0.0078	mg/Kg	☼	12/16/24 16:20	12/17/24 06:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.7		0.2	0.2	SU			12/09/24 17:19	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-9(0-2)120524

Lab Sample ID: 500-261134-5

Date Collected: 12/05/24 14:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0079	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Carbon disulfide	<0.0047		0.0047	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Carbon tetrachloride	<0.0019		0.0019	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Chloroethane	<0.0047		0.0047	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Chloromethane	<0.0047	+	0.0047	0.00092	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,1-Dichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,3-Dichloropropene, Total	<0.0019		0.0019	0.00091	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
2-Hexanone	<0.0047		0.0047	0.0029	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Methyl Ethyl Ketone	<0.0047		0.0047	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
methyl isobutyl ketone	<0.0047		0.0047	0.0034	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Styrene	<0.0019		0.0019	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Vinyl chloride	<0.0019	+	0.0019	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 12:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		75 - 131	12/06/24 19:45	12/10/24 12:44	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 12:44	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134	12/06/24 19:45	12/10/24 12:44	1
Toluene-d8 (Surr)	94		75 - 124	12/06/24 19:45	12/10/24 12:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-9(0-2)120524

Lab Sample ID: 500-261134-5

Date Collected: 12/05/24 14:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Methylnaphthalene	<0.071		0.071	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
4-Nitrophenol	<0.71		0.71	0.13	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Anthracene	<0.035		0.035	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Benzo[a]anthracene	0.030 J		0.035	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Benzo[a]pyrene	0.039		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Benzo[b]fluoranthene	0.055		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Benzo[g,h,i]perylene	0.079		0.035	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Chrysene	0.042		0.035	0.0093	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Fluoranthene	0.046		0.035	0.0082	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Hexachlorobenzene	<0.071		0.071	0.0068	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-9(0-2)120524

Lab Sample ID: 500-261134-5

Date Collected: 12/05/24 14:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.050		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.0070	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Pentachlorophenol	<0.71		0.71	0.088	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Phenanthrene	0.033	J	0.035	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1
Pyrene	0.053		0.035	0.0096	mg/Kg	☆	12/10/24 11:04	12/11/24 13:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		31 - 143	12/10/24 11:04	12/11/24 13:17	1
2-Fluorobiphenyl (Surr)	69		43 - 145	12/10/24 11:04	12/11/24 13:17	1
2-Fluorophenol (Surr)	62		31 - 166	12/10/24 11:04	12/11/24 13:17	1
Nitrobenzene-d5 (Surr)	58		37 - 147	12/10/24 11:04	12/11/24 13:17	1
Phenol-d5 (Surr)	64		30 - 153	12/10/24 11:04	12/11/24 13:17	1
Terphenyl-d14 (Surr)	93		42 - 157	12/10/24 11:04	12/11/24 13:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6000		11	4.3	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Antimony	0.41	J	1.1	0.21	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Arsenic	8.5		0.53	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Barium	73		0.53	0.061	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Beryllium	0.42		0.21	0.050	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Cadmium	0.66	B	0.11	0.019	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Calcium	82000	B	53	9.0	mg/Kg	☆	12/11/24 09:44	12/14/24 01:05	5
Chromium	10		0.53	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Cobalt	6.6		0.27	0.070	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Copper	20		0.53	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Iron	13000		11	5.5	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Lead	54		0.27	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Magnesium	47000	B	27	13	mg/Kg	☆	12/11/24 09:44	12/14/24 01:05	5
Manganese	430	B	0.53	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Nickel	17		0.53	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Potassium	1400		27	9.4	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Selenium	0.35	J	0.53	0.31	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Silver	<0.27		0.27	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Sodium	260		53	7.9	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Thallium	0.53		0.53	0.27	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Vanadium	15		0.27	0.063	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	1
Zinc	120		1.1	0.47	mg/Kg	☆	12/11/24 09:44	12/13/24 02:29	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		12/12/24 08:24	12/13/24 00:05	1
Barium	0.42	J	0.50	0.050	mg/L		12/12/24 08:24	12/13/24 00:05	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/13/24 00:05	1
Cadmium	0.0020	J	0.0050	0.0020	mg/L		12/12/24 08:24	12/13/24 00:05	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-9(0-2)120524

Lab Sample ID: 500-261134-5

Date Collected: 12/05/24 14:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Iron	1.3		0.40	0.20	mg/L		12/12/24 08:24	12/13/24 00:05	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/13/24 00:05	1
Manganese	0.51		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/13/24 00:05	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:05	1
Zinc	0.065	J	0.50	0.020	mg/L		12/12/24 08:24	12/13/24 00:05	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		12/12/24 08:23	12/13/24 04:02	1
Barium	0.73		0.50	0.050	mg/L		12/12/24 08:23	12/13/24 04:02	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:23	12/13/24 04:02	1
Cadmium	0.0042	J	0.0050	0.0020	mg/L		12/12/24 08:23	12/13/24 04:02	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Copper	0.038		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Iron	3.4		0.40	0.20	mg/L		12/12/24 08:23	12/13/24 04:02	1
Lead	0.056		0.0075	0.0075	mg/L		12/12/24 08:23	12/13/24 04:02	1
Manganese	0.83		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Nickel	0.024	J	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:23	12/13/24 04:02	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:02	1
Zinc	0.35	J	0.50	0.020	mg/L		12/12/24 08:23	12/13/24 12:38	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		12/13/24 11:05	12/16/24 10:08	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 09:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.068		0.018	0.0075	mg/Kg	☼	12/16/24 16:20	12/17/24 06:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			12/09/24 17:22	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-12(0-2)120524

Lab Sample ID: 500-261134-6

Date Collected: 12/05/24 14:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Benzene	<0.0018		0.0018	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Bromodichloromethane	<0.0018		0.0018	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Carbon disulfide	<0.0044		0.0044	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Chlorobenzene	<0.0018		0.0018	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Chloromethane	<0.0044	+	0.0044	0.00085	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Dibromochloromethane	<0.0018		0.0018	0.00081	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,1-Dichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,1-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,3-Dichloropropene, Total	<0.0018		0.0018	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Ethylbenzene	<0.0018		0.0018	0.00092	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Methyl Ethyl Ketone	<0.0044		0.0044	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
methyl isobutyl ketone	<0.0044		0.0044	0.0031	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Styrene	<0.0018		0.0018	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00087	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Tetrachloroethene	<0.0018		0.0018	0.00099	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Toluene	<0.0018		0.0018	0.00035	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Vinyl chloride	<0.0018	+	0.0018	0.00072	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☆	12/06/24 19:45	12/10/24 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		75 - 131	12/06/24 19:45	12/10/24 13:09	1
Dibromofluoromethane (Surr)	104		75 - 126	12/06/24 19:45	12/10/24 13:09	1
1,2-Dichloroethane-d4 (Surr)	110		70 - 134	12/06/24 19:45	12/10/24 13:09	1
Toluene-d8 (Surr)	95		75 - 124	12/06/24 19:45	12/10/24 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-12(0-2)120524

Lab Sample ID: 500-261134-6

Date Collected: 12/05/24 14:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Benzo[a]anthracene	0.056		0.039	0.0084	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Benzo[a]pyrene	0.063		0.039	0.038	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Benzo[b]fluoranthene	0.098		0.039	0.037	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Benzo[g,h,i]perylene	0.059		0.039	0.0085	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Benzo[k]fluoranthene	0.032 J		0.039	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Chrysene	0.069		0.039	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Fluoranthene	0.097		0.039	0.0091	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-12(0-2)120524

Lab Sample ID: 500-261134-6

Date Collected: 12/05/24 14:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 82.4

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	0.061		0.039	0.038	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0078	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Phenanthrene	0.041		0.039	0.0086	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Pyrene	0.095		0.039	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 13:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		31 - 143				12/10/24 11:04	12/11/24 13:42	1
2-Fluorobiphenyl (Surr)	80		43 - 145				12/10/24 11:04	12/11/24 13:42	1
2-Fluorophenol (Surr)	74		31 - 166				12/10/24 11:04	12/11/24 13:42	1
Nitrobenzene-d5 (Surr)	74		37 - 147				12/10/24 11:04	12/11/24 13:42	1
Phenol-d5 (Surr)	73		30 - 153				12/10/24 11:04	12/11/24 13:42	1
Terphenyl-d14 (Surr)	93		42 - 157				12/10/24 11:04	12/11/24 13:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10000		12	4.8	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Antimony	0.30	J	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Arsenic	9.2		0.58	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Barium	75		0.58	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Beryllium	0.40		0.23	0.055	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Cadmium	0.33	B	0.12	0.021	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Calcium	13000	B	12	2.0	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Chromium	15		0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Cobalt	11		0.29	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Copper	18		0.58	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Iron	22000		12	6.1	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Lead	31		0.29	0.13	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Magnesium	8800	B	5.8	2.9	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Manganese	610	B	0.58	0.085	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Nickel	24		0.58	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Potassium	1700		29	10	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Selenium	0.41	J	0.58	0.34	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Silver	<0.29		0.29	0.075	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Sodium	470		58	8.6	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Thallium	0.32	J	0.58	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Vanadium	22		0.29	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	1
Zinc	110		1.2	0.51	mg/Kg	☆	12/11/24 09:44	12/13/24 02:34	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		12/12/24 08:24	12/13/24 00:19	1
Barium	0.50		0.50	0.050	mg/L		12/12/24 08:24	12/13/24 00:19	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:24	12/13/24 00:19	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		12/12/24 08:24	12/13/24 00:19	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-12(0-2)120524

Lab Sample ID: 500-261134-6

Date Collected: 12/05/24 14:50

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 82.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Iron	1.5		0.40	0.20	mg/L		12/12/24 08:24	12/13/24 00:19	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 08:24	12/13/24 00:19	1
Manganese	0.42		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:24	12/13/24 00:19	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:24	12/13/24 00:19	1
Zinc	0.10	J	0.50	0.020	mg/L		12/12/24 08:24	12/13/24 00:19	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		12/12/24 08:23	12/13/24 04:06	1
Barium	0.45	J	0.50	0.050	mg/L		12/12/24 08:23	12/13/24 04:06	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 08:23	12/13/24 04:06	1
Cadmium	0.0023	J	0.0050	0.0020	mg/L		12/12/24 08:23	12/13/24 04:06	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Copper	0.021	J	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Iron	4.8		0.40	0.20	mg/L		12/12/24 08:23	12/13/24 04:06	1
Lead	0.043		0.0075	0.0075	mg/L		12/12/24 08:23	12/13/24 04:06	1
Manganese	0.35		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Nickel	0.013	J	0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 08:23	12/13/24 04:06	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 08:23	12/13/24 04:06	1
Zinc	0.28	J	0.50	0.020	mg/L		12/12/24 08:23	12/13/24 12:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/13/24 11:05	12/16/24 10:10	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		12/16/24 11:30	12/17/24 09:25	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.073		0.020	0.0081	mg/Kg	☼	12/16/24 16:20	12/17/24 06:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.4		0.2	0.2	SU			12/09/24 17:24	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-5(0-5)-120524

Lab Sample ID: 500-261134-11

Date Collected: 12/05/24 15:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0055	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Benzene	<0.0013		0.0013	0.00041	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Bromoform	<0.0013		0.0013	0.00077	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Bromomethane	<0.0033		0.0033	0.0016	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Carbon disulfide	<0.0033		0.0033	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Carbon tetrachloride	<0.0013		0.0013	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Chlorobenzene	<0.0013		0.0013	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Chloroethane	<0.0033		0.0033	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Chloroform	<0.0013		0.0013	0.00095	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Chloromethane	<0.0033	+	0.0033	0.00064	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Dibromochloromethane	<0.0013		0.0013	0.00061	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,1-Dichloroethane	<0.0013		0.0013	0.00050	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,2-Dichloroethane	<0.0033		0.0033	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,3-Dichloropropene, Total	<0.0013		0.0013	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Methyl Ethyl Ketone	<0.0033		0.0033	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
methyl isobutyl ketone	<0.0033		0.0033	0.0023	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00043	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Tetrachloroethene	<0.0013		0.0013	0.00074	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Toluene	<0.0013		0.0013	0.00027	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00050	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00063	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00053	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Trichloroethene	<0.0013		0.0013	0.00036	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Vinyl chloride	<0.0013	+	0.0013	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☆	12/06/24 19:45	12/10/24 15:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		75 - 131	12/06/24 19:45	12/10/24 15:13	1
Dibromofluoromethane (Surr)	104		75 - 126	12/06/24 19:45	12/10/24 15:13	1
1,2-Dichloroethane-d4 (Surr)	107		70 - 134	12/06/24 19:45	12/10/24 15:13	1
Toluene-d8 (Surr)	95		75 - 124	12/06/24 19:45	12/10/24 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-5(0-5)-120524

Lab Sample ID: 500-261134-11

Date Collected: 12/05/24 15:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2,6-Dinitrotoluene	<0.18		0.18	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Methylnaphthalene	0.015	J	0.071	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Chloro-3-methylphenol	<0.35		0.35	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
4-Nitrophenol	<0.71		0.71	0.13	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Anthracene	0.0087	J	0.035	0.0072	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Benzo[a]anthracene	0.037		0.035	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Benzo[a]pyrene	0.046		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Benzo[b]fluoranthene	0.051		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Benzo[g,h,i]perylene	0.096		0.035	0.0076	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Benzo[k]fluoranthene	0.014	J	0.035	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Butyl benzyl phthalate	0.047	J	0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Chrysene	0.051		0.035	0.0093	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Dibenzofuran	0.019	J	0.18	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Fluoranthene	0.058		0.035	0.0082	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Hexachlorobenzene	<0.071		0.071	0.0068	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-5(0-5)-120524

Lab Sample ID: 500-261134-11

Date Collected: 12/05/24 15:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.0

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	0.046		0.035	0.034	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.0070	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
N-Nitrosodiphenylamine	<0.18		0.18	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Pentachlorophenol	<0.71		0.71	0.088	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Phenanthrene	0.10		0.035	0.0077	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Phenol	<0.18		0.18	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1
Pyrene	0.062		0.035	0.0096	mg/Kg	☆	12/10/24 11:04	12/11/24 15:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		31 - 143	12/10/24 11:04	12/11/24 15:46	1
2-Fluorobiphenyl (Surr)	82		43 - 145	12/10/24 11:04	12/11/24 15:46	1
2-Fluorophenol (Surr)	75		31 - 166	12/10/24 11:04	12/11/24 15:46	1
Nitrobenzene-d5 (Surr)	74		37 - 147	12/10/24 11:04	12/11/24 15:46	1
Phenol-d5 (Surr)	74		30 - 153	12/10/24 11:04	12/11/24 15:46	1
Terphenyl-d14 (Surr)	98		42 - 157	12/10/24 11:04	12/11/24 15:46	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	6800		11	4.3	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Antimony	0.24	J	1.1	0.21	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Arsenic	6.2		0.53	0.18	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Barium	50		0.53	0.061	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Beryllium	0.34		0.21	0.050	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Cadmium	0.32	B	0.11	0.019	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Calcium	78000	B	53	9.0	mg/Kg	☆	12/11/24 09:44	12/14/24 01:23	5
Chromium	10		0.53	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Cobalt	6.0		0.27	0.070	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Copper	17		0.53	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Iron	13000		11	5.5	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Lead	72		0.27	0.12	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Magnesium	45000	B	27	13	mg/Kg	☆	12/11/24 09:44	12/14/24 01:23	5
Manganese	310	B	0.53	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Nickel	16		0.53	0.15	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Potassium	1400		27	9.4	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Selenium	0.31	J	0.53	0.31	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Silver	<0.27		0.27	0.068	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Sodium	300		53	7.9	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Thallium	0.45	J	0.53	0.26	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Vanadium	15		0.27	0.063	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	1
Zinc	91		1.1	0.47	mg/Kg	☆	12/11/24 09:44	12/13/24 03:05	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		12/12/24 14:19	12/13/24 17:58	1
Barium	0.41	J	0.50	0.050	mg/L		12/12/24 14:19	12/13/24 17:58	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 14:19	12/13/24 17:58	1
Cadmium	0.0021	J	0.0050	0.0020	mg/L		12/12/24 14:19	12/13/24 17:58	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-5(0-5)-120524

Lab Sample ID: 500-261134-11

Date Collected: 12/05/24 15:25

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 90.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Iron	1.4		0.40	0.20	mg/L		12/12/24 14:19	12/13/24 17:58	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 14:19	12/13/24 17:58	1
Manganese	1.6		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Nickel	0.012	J	0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:19	12/13/24 17:58	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 17:58	1
Zinc	0.081	J	0.50	0.020	mg/L		12/12/24 14:19	12/13/24 17:58	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		12/12/24 14:21	12/13/24 15:57	1
Barium	0.42	J	0.50	0.050	mg/L		12/12/24 14:21	12/13/24 15:57	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 14:21	12/13/24 15:57	1
Cadmium	0.0024	J	0.0050	0.0020	mg/L		12/12/24 14:21	12/13/24 15:57	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Copper	0.028		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Iron	2.0		0.40	0.20	mg/L		12/12/24 14:21	12/13/24 15:57	1
Lead	0.080		0.0075	0.0075	mg/L		12/12/24 14:21	12/13/24 15:57	1
Manganese	0.47		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Nickel	0.015	J	0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:21	12/13/24 15:57	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 15:57	1
Zinc	0.15	J	0.50	0.020	mg/L		12/12/24 14:21	12/13/24 15:57	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		12/16/24 11:30	12/17/24 08:12	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		12/16/24 11:30	12/17/24 09:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047		0.018	0.0073	mg/Kg	☼	12/16/24 16:20	12/17/24 06:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			12/09/24 17:37	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-2(0-4)-120524

Lab Sample ID: 500-261134-12

Date Collected: 12/05/24 15:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Benzene	<0.0017		0.0017	0.00054	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Bromodichloromethane	<0.0017		0.0017	0.00055	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Carbon disulfide	<0.0043		0.0043	0.00079	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Carbon tetrachloride	<0.0017		0.0017	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Chlorobenzene	<0.0017		0.0017	0.00073	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Chloromethane	<0.0043	+	0.0043	0.00084	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00069	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Dibromochloromethane	<0.0017		0.0017	0.00080	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,1-Dichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,2-Dichloroethane	<0.0043		0.0043	0.0011	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,1-Dichloroethene	<0.0017		0.0017	0.00071	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Ethylbenzene	<0.0017		0.0017	0.00091	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Methylene Chloride	<0.0043		0.0043	0.0018	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
methyl isobutyl ketone	<0.0043		0.0043	0.0031	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00086	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Tetrachloroethene	<0.0017		0.0017	0.00097	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00083	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Vinyl chloride	<0.0017	+	0.0017	0.00070	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1
Xylenes, Total	<0.0034		0.0034	0.00059	mg/Kg	☆	12/06/24 19:45	12/10/24 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		75 - 131	12/06/24 19:45	12/10/24 15:38	1
Dibromofluoromethane (Surr)	102		75 - 126	12/06/24 19:45	12/10/24 15:38	1
1,2-Dichloroethane-d4 (Surr)	109		70 - 134	12/06/24 19:45	12/10/24 15:38	1
Toluene-d8 (Surr)	95		75 - 124	12/06/24 19:45	12/10/24 15:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-2(0-4)-120524

Lab Sample ID: 500-261134-12

Date Collected: 12/05/24 15:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2,6-Dinitrotoluene	<0.20		0.20	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.032	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Chloro-3-methylphenol	<0.39		0.39	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
4-Nitrophenol	<0.79		0.79	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Benzo[a]anthracene	0.027 J		0.039	0.0083	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Benzo[b]fluoranthene	0.042		0.039	0.037	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Benzo[g,h,i]perylene	0.031 J		0.039	0.0085	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Chrysene	0.032 J		0.039	0.010	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Fluoranthene	0.040		0.039	0.0091	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-2(0-4)-120524

Lab Sample ID: 500-261134-12

Date Collected: 12/05/24 15:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.0078	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
N-Nitrosodiphenylamine	<0.20		0.20	0.023	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Pentachlorophenol	<0.79		0.79	0.098	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Phenanthrene	0.022	J	0.039	0.0086	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Phenol	<0.20		0.20	0.017	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1
Pyrene	0.039		0.039	0.011	mg/Kg	☆	12/10/24 11:04	12/11/24 16:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		31 - 143	12/10/24 11:04	12/11/24 16:11	1
2-Fluorobiphenyl (Surr)	86		43 - 145	12/10/24 11:04	12/11/24 16:11	1
2-Fluorophenol (Surr)	82		31 - 166	12/10/24 11:04	12/11/24 16:11	1
Nitrobenzene-d5 (Surr)	79		37 - 147	12/10/24 11:04	12/11/24 16:11	1
Phenol-d5 (Surr)	79		30 - 153	12/10/24 11:04	12/11/24 16:11	1
Terphenyl-d14 (Surr)	97		42 - 157	12/10/24 11:04	12/11/24 16:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9400		12	4.8	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Antimony	0.50	J	1.2	0.23	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Arsenic	8.8		0.59	0.20	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Barium	240		0.59	0.067	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Beryllium	0.72		0.23	0.055	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Cadmium	0.93	B	0.12	0.021	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Calcium	29000	B	12	2.0	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Chromium	17		0.59	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Cobalt	8.0		0.29	0.077	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Copper	44		0.59	0.16	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Iron	16000		12	6.1	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Lead	160		0.29	0.14	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Magnesium	17000	B	5.9	2.9	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Manganese	400	B	0.59	0.085	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Nickel	21		0.59	0.17	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Potassium	1300		29	10	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Selenium	0.39	J	0.59	0.34	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Silver	<0.29		0.29	0.076	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Sodium	330		59	8.7	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Thallium	0.58	J	0.59	0.29	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Vanadium	22		0.29	0.069	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	1
Zinc	200		1.2	0.51	mg/Kg	☆	12/11/24 09:44	12/13/24 03:10	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		12/12/24 14:19	12/13/24 18:11	1
Barium	0.94		0.50	0.050	mg/L		12/12/24 14:19	12/13/24 18:11	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		12/12/24 14:19	12/13/24 18:11	1
Cadmium	0.0046	J	0.0050	0.0020	mg/L		12/12/24 14:19	12/13/24 18:11	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Client Sample ID: RV-2(0-4)-120524

Lab Sample ID: 500-261134-12

Date Collected: 12/05/24 15:40

Matrix: Solid

Date Received: 12/06/24 13:45

Percent Solids: 84.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Copper	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Iron	1.1		0.40	0.20	mg/L		12/12/24 14:19	12/13/24 18:11	1
Lead	<0.0075		0.0075	0.0075	mg/L		12/12/24 14:19	12/13/24 18:11	1
Manganese	0.86		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Nickel	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:19	12/13/24 18:11	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:19	12/13/24 18:11	1
Zinc	0.32 J		0.50	0.020	mg/L		12/12/24 14:19	12/13/24 18:11	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		12/12/24 14:21	12/13/24 16:01	1
Barium	1.9		0.50	0.050	mg/L		12/12/24 14:21	12/13/24 16:01	1
Beryllium	0.0052		0.0040	0.0040	mg/L		12/12/24 14:21	12/13/24 16:01	1
Cadmium	0.0057		0.0050	0.0020	mg/L		12/12/24 14:21	12/13/24 16:01	1
Chromium	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Cobalt	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Copper	0.056		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Iron	2.4		0.40	0.20	mg/L		12/12/24 14:21	12/13/24 16:01	1
Lead	0.054		0.0075	0.0075	mg/L		12/12/24 14:21	12/13/24 16:01	1
Manganese	0.67		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Nickel	0.026		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Selenium	<0.050		0.050	0.020	mg/L		12/12/24 14:21	12/13/24 16:01	1
Silver	<0.025		0.025	0.010	mg/L		12/12/24 14:21	12/13/24 16:01	1
Zinc	0.55		0.50	0.020	mg/L		12/12/24 14:21	12/13/24 16:01	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		12/16/24 11:30	12/17/24 08:14	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		12/16/24 11:30	12/17/24 09:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.31		0.018	0.0075	mg/Kg	☼	12/16/24 16:20	12/17/24 06:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.1		0.2	0.2	SU			12/09/24 17:42	1

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Definitions/Glossary

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 I-80 at Des Plaines River

Job ID: 500-261134-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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)
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 009 I-80 at Des Plaines River

Job ID: 500-261134-1

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	100201	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 734680


 Environment Testing
America

 Address _____

 Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: <u>A. Slesers</u>		Site Contact: <u>S. House</u>		Date: <u>12/5/24</u>		COC No			
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact: <u>J. Crapp</u>		Carrier:		<u>2</u> of <u> </u> COCs			
Address <u>300 Knightbridge Parkway #300</u>		Analysis Turnaround Time		 500-261134 COC		Sampler		For Lab Use Only:			
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____				Walk-in Client		Lab Sampling			
Phone		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day				Job / SDG No		<u>500-261134</u>			
Fax											
Project Name <u>802A Des Plaines River</u>											
Site <u>Toliet, IL</u>											
PO# <u>02056 018.009</u>											
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		
RV-18(0-3)-120524	12/5/24	1125	G	S				X X X X X			
RV-19(0-5)-120524		1135	G	S							
RV-21(0-2)-120524		1200	G	S							
RV-20(0-5)-120524		1215	G	S							
RV-3(0-3)-120524		1300	G	S							
RV-4(0-4)-120524		1315	G	S							
RV-8(0-2)-120524		1420	G	S							
RV-7(0-5)-120524		1415	G	S							
RV-9(0-2)-120524		1425	G	S							
RV-12(0-2)-120524		1450	G	S							
RV-11(0-2)-120524		1455	G	S							
RV-11(0-2)-120524 D		1455	G	S				X 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)				
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>Include Fe + Mn</u>											
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No			
Relinquished by <u>Alamy House</u>		Company <u>Weston Solutions</u>		Date/Time <u>12/5/24 1300</u>		Received by <u>[Signature]</u>		Company <u>WESTON</u>			
Relinquished by <u>[Signature]</u>		Company <u>WESTON</u>		Date/Time <u>12/6/24 0920</u>		Received by <u>[Signature]</u>		Company <u>EEFA</u>			
Relinquished by <u>[Signature]</u>		Company <u>EEFA</u>		Date/Time <u>12/6/24 1345</u>		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EEFA</u>			

Chain of Custody Record 734681

Environment Testing
AmericaAddress _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact		Project Manager: A. Slaters		Site Contact: S. House		Date: 12/5/24		COC No	
Company Name: Weston Solutions		Tel/Email:		Lab Contact: T. Knapp		Carrier:		7 of COCs	
Address: 300 Knightsbridge Plymouth		Analysis Turnaround Time						Sampler	
City/State/Zip: Lincolnshire, IL 60069		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:	
Phone		TAT if different from Below						Walk-in Client	
Fax		☐ 2 weeks						Lab Sampling	
Project Name: I-80 at Des Plaines River		☐ 1 week						Job / SDG No	
Site: 02 Juliet, IL		☐ 2 days						201-261134	
PO#: 020516.018.009		☐ 1 day							
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)		Sample Specific Notes
RV-10(0-2)-120524	12/5/24	1515	G	S					
RV-6(0-5)-120524	↓	1520	↓	↓					
RV-5(0-5)-120524	↓	1525	↓	↓					
RV-2(0-4)-120524	↓	1540	↓	↓					
VA-2(0-5)-120524	↓	1550	↓	↓					
(AS)									
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)			
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments: Include Fe + Mn									
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No	
Relinquished by: [Signature]		Company: Weston Solutions		Date/Time: 12/5/24 1800		Received by: [Signature]		Company: WESTON	
Relinquished by: [Signature]		Company: WESTON		Date/Time: 12/6/24 0920		Received by: [Signature]		Company: EETA	
Relinquished by: [Signature]		Company: EETA		Date/Time: 12/6/24 1345		Received in Laboratory by: [Signature]		Company: EETA	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/22/2025 3:47:55 PM

JOB DESCRIPTION

IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

JOB NUMBER

500-268196-1

Eurofins Chicago

Job Notes

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

Authorization



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5/22/2025 3:47:55 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 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-27(0-5)-051225

Lab Sample ID: 500-268196-9

Date Collected: 05/12/25 13:00

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0072	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Benzene	<0.0017		0.0017	0.00054	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Bromodichloromethane	<0.0017		0.0017	0.00055	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Carbon disulfide	<0.0043		0.0043	0.00079	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Carbon tetrachloride	<0.0017		0.0017	0.00059	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Chlorobenzene	<0.0017		0.0017	0.00073	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Chloromethane	<0.0043		0.0043	0.00084	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00069	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Dibromochloromethane	<0.0017		0.0017	0.00080	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,1-Dichloroethane	<0.0017		0.0017	0.00065	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,2-Dichloroethane	<0.0043		0.0043	0.0011	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,1-Dichloroethene	<0.0017		0.0017	0.00071	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,3-Dichloropropene, Total	<0.0017		0.0017	0.00083	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Ethylbenzene	<0.0017		0.0017	0.00091	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Methylene Chloride	<0.0043		0.0043	0.0018	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Methyl Ethyl Ketone	<0.0043		0.0043	0.0019	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
methyl isobutyl ketone	<0.0043		0.0043	0.0031	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00086	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Tetrachloroethene	<0.0017		0.0017	0.00097	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00065	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00083	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00070	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Vinyl chloride	<0.0017	+	0.0017	0.00070	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1
Xylenes, Total	<0.0035		0.0035	0.00059	mg/Kg	✱	05/13/25 19:45	05/14/25 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		75 - 131	05/13/25 19:45	05/14/25 15:18	1
Dibromofluoromethane (Surr)	98		75 - 126	05/13/25 19:45	05/14/25 15:18	1
1,2-Dichloroethane-d4 (Surr)	104		70 - 134	05/13/25 19:45	05/14/25 15:18	1
Toluene-d8 (Surr)	104		75 - 124	05/13/25 19:45	05/14/25 15:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1

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Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

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Lab Sample ID: 500-268196-9

Date Collected: 05/12/25 13:00

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Methylnaphthalene	<0.072		0.072	0.0071	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Chloro-3-methylphenol	<0.35		0.35	0.030	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
4-Nitrophenol	<0.72		0.72	0.38	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Acenaphthene	<0.035		0.035	0.0072	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Anthracene	<0.035		0.035	0.0073	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Benzo[a]anthracene	<0.035		0.035	0.0075	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Benzo[g,h,i]perylene	<0.035		0.035	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Chrysene	<0.035		0.035	0.0094	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Dimethyl phthalate	<0.18		0.18	0.0077	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Fluoranthene	<0.035		0.035	0.0082	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Fluorene	<0.035		0.035	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1

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Client Sample Results

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Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

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Lab Sample ID: 500-268196-9

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Percent Solids: 88.5

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	<0.035		0.035	0.035	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Naphthalene	<0.035		0.035	0.0064	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
N-Nitrosodiphenylamine	<0.18		0.18	0.070	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Pentachlorophenol	<0.72		0.72	0.40	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Phenanthrene	<0.035		0.035	0.0077	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Phenol	<0.18		0.18	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1
Pyrene	<0.035		0.035	0.0097	mg/Kg	✱	05/16/25 07:22	05/16/25 15:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		31 - 143	05/16/25 07:22	05/16/25 15:40	1
2-Fluorobiphenyl (Surr)	57		43 - 145	05/16/25 07:22	05/16/25 15:40	1
2-Fluorophenol (Surr)	59		31 - 166	05/16/25 07:22	05/16/25 15:40	1
Nitrobenzene-d5 (Surr)	59		37 - 147	05/16/25 07:22	05/16/25 15:40	1
Phenol-d5 (Surr)	60		30 - 153	05/16/25 07:22	05/16/25 15:40	1
Terphenyl-d14 (Surr)	90		42 - 157	05/16/25 07:22	05/16/25 15:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5000		11	4.5	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Antimony	<1.1		1.1	0.22	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Arsenic	5.4		0.55	0.19	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Barium	34	B	2.8	0.32	mg/Kg	✱	05/13/25 17:23	05/15/25 23:48	5
Beryllium	0.40		0.22	0.052	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Cadmium	0.048	J	0.11	0.020	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Calcium	130000	B	55	9.4	mg/Kg	✱	05/13/25 17:23	05/15/25 23:48	5
Chromium	8.2		0.55	0.27	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Cobalt	6.4		0.28	0.073	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Copper	21		0.55	0.16	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Iron	19000		55	29	mg/Kg	✱	05/13/25 17:23	05/15/25 23:48	5
Lead	11		1.4	0.64	mg/Kg	✱	05/13/25 17:23	05/15/25 23:48	5
Magnesium	78000		28	14	mg/Kg	✱	05/13/25 17:23	05/15/25 23:48	5
Manganese	270		0.55	0.080	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Nickel	12		0.55	0.16	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Potassium	1400		28	9.8	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Selenium	<0.55		0.55	0.33	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Silver	2.3		0.28	0.072	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Sodium	250	B	55	8.2	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Thallium	<0.55		0.55	0.28	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Vanadium	29		0.28	0.065	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1
Zinc	40		1.1	0.49	mg/Kg	✱	05/13/25 17:23	05/14/25 15:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:12	05/15/25 13:09	1
Barium	0.22		0.010	0.0012	mg/L		05/14/25 14:12	05/15/25 13:09	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:12	05/15/25 13:09	1
Cadmium	0.0012	J	0.0020	0.00043	mg/L		05/14/25 14:12	05/15/25 13:09	1

Eurofins Chicago

Client Sample Results

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Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

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Lab Sample ID: 500-268196-9

Date Collected: 05/12/25 13:00

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Percent Solids: 88.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/14/25 14:12	05/15/25 13:09	1
Cobalt	0.0038	J	0.0050	0.00078	mg/L		05/14/25 14:12	05/15/25 13:09	1
Copper	0.0074	J B	0.010	0.0018	mg/L		05/14/25 14:12	05/15/25 13:09	1
Iron	0.98		0.40	0.082	mg/L		05/14/25 14:12	05/15/25 13:09	1
Lead	<0.0075		0.0075	0.0027	mg/L		05/14/25 14:12	05/15/25 13:09	1
Manganese	1.1		0.010	0.0023	mg/L		05/14/25 14:12	05/15/25 13:09	1
Nickel	0.014		0.010	0.0048	mg/L		05/14/25 14:12	05/15/25 13:09	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:12	05/15/25 13:09	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:12	05/15/25 13:09	1
Zinc	0.011	J	0.50	0.0050	mg/L		05/14/25 14:12	05/15/25 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0084	J	0.010	0.0037	mg/L		05/14/25 14:14	05/15/25 18:07	1
Barium	0.12		0.010	0.0012	mg/L		05/14/25 14:14	05/15/25 18:07	1
Beryllium	0.0012	J	0.0040	0.00089	mg/L		05/14/25 14:14	05/16/25 21:27	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		05/14/25 14:14	05/15/25 18:07	1
Chromium	0.045		0.010	0.0017	mg/L		05/14/25 14:14	05/15/25 18:07	1
Cobalt	0.0081		0.0050	0.00078	mg/L		05/14/25 14:14	05/15/25 18:07	1
Copper	0.044	B	0.010	0.0018	mg/L		05/14/25 14:14	05/15/25 18:07	1
Iron	39		0.40	0.082	mg/L		05/14/25 14:14	05/15/25 18:07	1
Lead	0.027		0.0075	0.0027	mg/L		05/14/25 14:14	05/15/25 18:07	1
Manganese	0.20		0.010	0.0023	mg/L		05/14/25 14:14	05/15/25 18:07	1
Nickel	0.034		0.010	0.0048	mg/L		05/14/25 14:14	05/15/25 18:07	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:14	05/15/25 18:07	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:14	05/15/25 18:07	1
Zinc	0.083	J	0.50	0.0050	mg/L		05/14/25 14:14	05/16/25 21:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/16/25 11:00	05/19/25 11:36	1

Method: SW846 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.00020	mg/L		05/19/25 10:45	05/20/25 12:59	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.014	J	0.018	0.0075	mg/Kg	☼	05/20/25 15:15	05/21/25 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.1		0.2	0.2	SU			05/15/25 10:42	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-36(0-4)-051225

Lab Sample ID: 500-268196-16

Date Collected: 05/12/25 15:25

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.025		0.025	0.011	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Benzene	<0.0025		0.0025	0.00079	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Bromodichloromethane	<0.0025		0.0025	0.00081	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Bromoform	<0.0025		0.0025	0.0015	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Bromomethane	<0.0063		0.0063	0.0031	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Carbon disulfide	<0.0063		0.0063	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Carbon tetrachloride	<0.0025		0.0025	0.00086	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Chlorobenzene	<0.0025		0.0025	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Chloroethane	<0.0063		0.0063	0.0021	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Chloroform	<0.0025		0.0025	0.0018	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Chloromethane	<0.0063		0.0063	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
cis-1,2-Dichloroethene	<0.0025		0.0025	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
cis-1,3-Dichloropropene	<0.0025		0.0025	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Dibromochloromethane	<0.0025		0.0025	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,1-Dichloroethane	<0.0025		0.0025	0.00095	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,2-Dichloroethane	<0.0063		0.0063	0.0016	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,1-Dichloroethene	<0.0025		0.0025	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,2-Dichloropropane	<0.0025		0.0025	0.00065	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,3-Dichloropropene, Total	<0.0025		0.0025	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Ethylbenzene	<0.0025		0.0025	0.0013	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
2-Hexanone	<0.0063		0.0063	0.0038	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Methylene Chloride	<0.0063		0.0063	0.0027	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Methyl Ethyl Ketone	<0.0063		0.0063	0.0028	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
methyl isobutyl ketone	<0.0063		0.0063	0.0045	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Methyl tert-butyl ether	<0.0025		0.0025	0.00081	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Styrene	<0.0025		0.0025	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,1,2,2-Tetrachloroethane	<0.0025		0.0025	0.0013	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Tetrachloroethene	<0.0025		0.0025	0.0014	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Toluene	<0.0025		0.0025	0.00051	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
trans-1,2-Dichloroethene	<0.0025		0.0025	0.00095	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
trans-1,3-Dichloropropene	<0.0025		0.0025	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,1,1-Trichloroethane	<0.0025		0.0025	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
1,1,2-Trichloroethane	<0.0025		0.0025	0.00094	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Trichloroethene	<0.0025		0.0025	0.00069	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Vinyl chloride	<0.0025	+	0.0025	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1
Xylenes, Total	<0.0050		0.0050	0.00086	mg/Kg	☆	05/13/25 19:45	05/14/25 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		75 - 131	05/13/25 19:45	05/14/25 18:27	1
Dibromofluoromethane (Surr)	97		75 - 126	05/13/25 19:45	05/14/25 18:27	1
1,2-Dichloroethane-d4 (Surr)	99		70 - 134	05/13/25 19:45	05/14/25 18:27	1
Toluene-d8 (Surr)	106		75 - 124	05/13/25 19:45	05/14/25 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	<0.18		0.18	0.025	mg/Kg	☆	05/16/25 07:22	05/16/25 19:20	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☆	05/16/25 07:22	05/16/25 19:20	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	05/16/25 07:22	05/16/25 19:20	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	05/16/25 07:22	05/16/25 19:20	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☆	05/16/25 07:22	05/16/25 19:20	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-36(0-4)-051225

Lab Sample ID: 500-268196-16

Date Collected: 05/12/25 15:25

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Methylnaphthalene	0.021	J	0.071	0.0070	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.15	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Chloro-3-methylphenol	<0.35		0.35	0.029	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
4-Nitrophenol	<0.71		0.71	0.38	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Acenaphthene	<0.035		0.035	0.0071	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Acenaphthylene	0.015	J	0.035	0.0060	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Anthracene	0.019	J	0.035	0.0072	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Benzo[a]anthracene	0.097		0.035	0.0074	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Benzo[a]pyrene	0.11		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Benzo[b]fluoranthene	0.15		0.035	0.033	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Benzo[g,h,i]perylene	0.067		0.035	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Benzo[k]fluoranthene	0.044		0.035	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Butyl benzyl phthalate	0.10	J	0.18	0.017	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Chrysene	0.14		0.035	0.0093	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Dibenz(a,h)anthracene	0.052		0.035	0.035	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Dibenzofuran	<0.18		0.18	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Dimethyl phthalate	<0.18		0.18	0.0076	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Fluoranthene	0.15		0.035	0.0082	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Fluorene	<0.035		0.035	0.010	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Hexachlorobenzene	<0.071		0.071	0.0067	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-36(0-4)-051225

Lab Sample ID: 500-268196-16

Date Collected: 05/12/25 15:25

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 91.4

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	0.069		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Naphthalene	0.014	J	0.035	0.0063	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
N-Nitrosodiphenylamine	<0.18		0.18	0.069	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Pentachlorophenol	<0.71		0.71	0.39	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Phenanthrene	0.15		0.035	0.0076	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Phenol	<0.18		0.18	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1
Pyrene	0.16		0.035	0.0096	mg/Kg	✱	05/16/25 07:22	05/16/25 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	66		31 - 143	05/16/25 07:22	05/16/25 19:20	1
2-Fluorobiphenyl (Surr)	63		43 - 145	05/16/25 07:22	05/16/25 19:20	1
2-Fluorophenol (Surr)	57		31 - 166	05/16/25 07:22	05/16/25 19:20	1
Nitrobenzene-d5 (Surr)	63		37 - 147	05/16/25 07:22	05/16/25 19:20	1
Phenol-d5 (Surr)	62		30 - 153	05/16/25 07:22	05/16/25 19:20	1
Terphenyl-d14 (Surr)	72		42 - 157	05/16/25 07:22	05/16/25 19:20	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4400		10	4.2	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Antimony	0.20	J	1.0	0.20	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Arsenic	6.7		0.52	0.18	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Barium	120	B	2.6	0.30	mg/Kg	✱	05/13/25 17:23	05/16/25 00:49	5
Beryllium	0.59		0.21	0.048	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Cadmium	0.60		0.10	0.019	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Calcium	130000	B	52	8.8	mg/Kg	✱	05/13/25 17:23	05/16/25 00:49	5
Chromium	8.1		0.52	0.26	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Cobalt	4.3		0.26	0.068	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Copper	21		0.52	0.15	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Iron	15000		52	27	mg/Kg	✱	05/13/25 17:23	05/16/25 00:49	5
Lead	100		1.3	0.60	mg/Kg	✱	05/13/25 17:23	05/16/25 00:49	5
Magnesium	80000		26	13	mg/Kg	✱	05/13/25 17:23	05/16/25 00:49	5
Manganese	310		0.52	0.075	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Nickel	11		0.52	0.15	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Potassium	960		26	9.2	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Selenium	<0.52		0.52	0.31	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Silver	1.8		0.26	0.067	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Sodium	280	B	52	7.7	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Thallium	0.35	J	0.52	0.26	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Vanadium	14		0.26	0.061	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1
Zinc	150		1.0	0.46	mg/Kg	✱	05/13/25 17:23	05/14/25 15:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:12	05/15/25 13:51	1
Barium	1.3		0.010	0.0012	mg/L		05/14/25 14:12	05/15/25 13:51	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:12	05/15/25 13:51	1
Cadmium	0.0059		0.0020	0.00043	mg/L		05/14/25 14:12	05/15/25 13:51	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-36(0-4)-051225

Lab Sample ID: 500-268196-16

Date Collected: 05/12/25 15:25

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/14/25 14:12	05/15/25 13:51	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/14/25 14:12	05/15/25 13:51	1
Copper	0.0081	J B	0.010	0.0018	mg/L		05/14/25 14:12	05/15/25 13:51	1
Iron	<0.40		0.40	0.082	mg/L		05/14/25 14:12	05/15/25 13:51	1
Lead	0.0088		0.0075	0.0027	mg/L		05/14/25 14:12	05/15/25 13:51	1
Manganese	0.29		0.010	0.0023	mg/L		05/14/25 14:12	05/15/25 13:51	1
Nickel	0.0049	J	0.010	0.0048	mg/L		05/14/25 14:12	05/15/25 13:51	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:12	05/15/25 13:51	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:12	05/15/25 13:51	1
Zinc	0.22	J	0.50	0.0050	mg/L		05/14/25 14:12	05/15/25 13:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0038	J	0.010	0.0037	mg/L		05/14/25 14:14	05/15/25 18:57	1
Barium	0.20		0.010	0.0012	mg/L		05/14/25 14:14	05/15/25 18:57	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:14	05/16/25 22:06	1
Cadmium	0.00071	J	0.0020	0.00043	mg/L		05/14/25 14:14	05/15/25 18:57	1
Chromium	0.019		0.010	0.0017	mg/L		05/14/25 14:14	05/15/25 18:57	1
Cobalt	0.0028	J	0.0050	0.00078	mg/L		05/14/25 14:14	05/15/25 18:57	1
Copper	0.029	B	0.010	0.0018	mg/L		05/14/25 14:14	05/15/25 18:57	1
Iron	12		0.40	0.082	mg/L		05/14/25 14:14	05/15/25 18:57	1
Lead	0.090		0.0075	0.0027	mg/L		05/14/25 14:14	05/15/25 18:57	1
Manganese	0.17		0.010	0.0023	mg/L		05/14/25 14:14	05/15/25 18:57	1
Nickel	0.014		0.010	0.0048	mg/L		05/14/25 14:14	05/15/25 18:57	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:14	05/15/25 18:57	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:14	05/15/25 18:57	1
Zinc	0.24	J	0.50	0.0050	mg/L		05/14/25 14:14	05/16/25 22:06	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		05/16/25 11:00	05/19/25 11:56	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		05/19/25 10:45	05/20/25 13:19	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.017	0.0071	mg/Kg	☼	05/20/25 15:15	05/21/25 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.0		0.2	0.2	SU			05/15/25 10:59	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-35(0-4)-051225

Lab Sample ID: 500-268196-17

Date Collected: 05/12/25 15:45

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0086	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Benzene	<0.0020		0.0020	0.00064	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Bromodichloromethane	<0.0020		0.0020	0.00065	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Bromomethane	<0.0051		0.0051	0.0025	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Carbon disulfide	<0.0051		0.0051	0.00094	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Carbon tetrachloride	<0.0020		0.0020	0.00069	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Chlorobenzene	<0.0020		0.0020	0.00086	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Chloroethane	<0.0051		0.0051	0.0017	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Chloroform	<0.0020		0.0020	0.0015	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Chloromethane	<0.0051		0.0051	0.00099	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00082	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Dibromochloromethane	<0.0020		0.0020	0.00094	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,1-Dichloroethane	<0.0020		0.0020	0.00077	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,2-Dichloroethane	<0.0051		0.0051	0.0013	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,1-Dichloroethene	<0.0020		0.0020	0.00084	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,2-Dichloropropane	<0.0020		0.0020	0.00053	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,3-Dichloropropene, Total	<0.0020		0.0020	0.00098	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
2-Hexanone	<0.0051		0.0051	0.0031	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Methylene Chloride	<0.0051		0.0051	0.0022	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Methyl Ethyl Ketone	<0.0051		0.0051	0.0022	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
methyl isobutyl ketone	<0.0051		0.0051	0.0036	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00066	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Styrene	<0.0020		0.0020	0.00092	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.0010	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Toluene	<0.0020		0.0020	0.00041	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00077	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00098	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00083	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00076	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Trichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Vinyl chloride	<0.0020	+	0.0020	0.00083	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1
Xylenes, Total	<0.0041		0.0041	0.00070	mg/Kg	☆	05/13/25 19:45	05/14/25 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		75 - 131	05/13/25 19:45	05/14/25 18:53	1
Dibromofluoromethane (Surr)	95		75 - 126	05/13/25 19:45	05/14/25 18:53	1
1,2-Dichloroethane-d4 (Surr)	97		70 - 134	05/13/25 19:45	05/14/25 18:53	1
Toluene-d8 (Surr)	103		75 - 124	05/13/25 19:45	05/14/25 18:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☆	05/16/25 07:22	05/16/25 18:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☆	05/16/25 07:22	05/16/25 18:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☆	05/16/25 07:22	05/16/25 18:07	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☆	05/16/25 07:22	05/16/25 18:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☆	05/16/25 07:22	05/16/25 18:07	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-35(0-4)-051225

Lab Sample ID: 500-268196-17

Date Collected: 05/12/25 15:45

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,4-Dichlorophenol	<0.35		0.35	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,4-Dimethylphenol	<0.35		0.35	0.080	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,4-Dinitrophenol	<0.72		0.72	0.21	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Methylnaphthalene	<0.072		0.072	0.0072	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4,6-Dinitro-2-methylphenol	<0.72		0.72	0.20	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Chloro-3-methylphenol	<0.35		0.35	0.030	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Chloroaniline	<0.72		0.72	0.37	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
4-Nitrophenol	<0.72		0.72	0.39	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Acenaphthene	<0.035		0.035	0.0073	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Acenaphthylene	<0.035		0.035	0.0061	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Anthracene	<0.035		0.035	0.0073	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Benzo[a]anthracene	<0.035		0.035	0.0076	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Benzo[a]pyrene	<0.035		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Benzo[b]fluoranthene	<0.035		0.035	0.034	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Benzo[g,h,i]perylene	<0.035		0.035	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Benzo[k]fluoranthene	<0.035		0.035	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Carbazole	<0.18		0.18	0.014	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Chrysene	<0.035		0.035	0.0094	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Fluoranthene	0.012	J	0.035	0.0083	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Fluorene	<0.035		0.035	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Hexachlorobenzene	<0.072		0.072	0.0068	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Hexachlorocyclopentadiene	<0.72		0.72	0.38	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1

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Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-35(0-4)-051225

Lab Sample ID: 500-268196-17

Date Collected: 05/12/25 15:45

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.035	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Isophorone	<0.18		0.18	0.018	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Naphthalene	<0.035		0.035	0.0065	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
N-Nitrosodi-n-propylamine	<0.072		0.072	0.020	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Pentachlorophenol	<0.72		0.72	0.40	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Phenanthrene	0.0084	J	0.035	0.0078	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Phenol	<0.18		0.18	0.015	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1
Pyrene	0.010	J	0.035	0.0097	mg/Kg	✱	05/16/25 07:22	05/16/25 18:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		31 - 143	05/16/25 07:22	05/16/25 18:07	1
2-Fluorobiphenyl (Surr)	61		43 - 145	05/16/25 07:22	05/16/25 18:07	1
2-Fluorophenol (Surr)	64		31 - 166	05/16/25 07:22	05/16/25 18:07	1
Nitrobenzene-d5 (Surr)	66		37 - 147	05/16/25 07:22	05/16/25 18:07	1
Phenol-d5 (Surr)	65		30 - 153	05/16/25 07:22	05/16/25 18:07	1
Terphenyl-d14 (Surr)	78		42 - 157	05/16/25 07:22	05/16/25 18:07	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5000		10	4.1	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Antimony	<1.0		1.0	0.20	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Arsenic	4.2		0.51	0.17	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Barium	30	B	2.5	0.29	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Beryllium	0.27		0.20	0.047	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Cadmium	0.067	J	0.10	0.018	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Calcium	110000	B	51	8.6	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Chromium	7.9		0.51	0.25	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Cobalt	5.3		1.3	0.33	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Copper	12		0.51	0.14	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Iron	17000		51	26	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Lead	14		1.3	0.58	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Magnesium	66000		25	13	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Manganese	300		0.51	0.073	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Nickel	13		0.51	0.15	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Potassium	940		25	9.0	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Selenium	<0.51		0.51	0.30	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Silver	2.0		0.25	0.065	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Sodium	210	B	51	7.5	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Thallium	<0.51		0.51	0.25	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1
Vanadium	27		1.3	0.30	mg/Kg	✱	05/13/25 17:23	05/16/25 01:07	5
Zinc	48		1.0	0.44	mg/Kg	✱	05/13/25 17:23	05/14/25 15:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:12	05/15/25 13:55	1
Barium	0.21		0.010	0.0012	mg/L		05/14/25 14:12	05/15/25 13:55	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:12	05/15/25 13:55	1
Cadmium	0.0013	J	0.0020	0.00043	mg/L		05/14/25 14:12	05/15/25 13:55	1

Eurofins Chicago

Client Sample Results

Client: Weston Solutions Inc
Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

Client Sample ID: RV-35(0-4)-051225

Lab Sample ID: 500-268196-17

Date Collected: 05/12/25 15:45

Matrix: Solid

Date Received: 05/12/25 17:21

Percent Solids: 90.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/14/25 14:12	05/15/25 13:55	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/14/25 14:12	05/15/25 13:55	1
Copper	0.0046	J B	0.010	0.0018	mg/L		05/14/25 14:12	05/15/25 13:55	1
Iron	<0.40		0.40	0.082	mg/L		05/14/25 14:12	05/15/25 13:55	1
Lead	<0.0075		0.0075	0.0027	mg/L		05/14/25 14:12	05/15/25 13:55	1
Manganese	0.85		0.010	0.0023	mg/L		05/14/25 14:12	05/15/25 13:55	1
Nickel	0.0074	J	0.010	0.0048	mg/L		05/14/25 14:12	05/15/25 13:55	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:12	05/15/25 13:55	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:12	05/15/25 13:55	1
Zinc	0.032	J	0.50	0.0050	mg/L		05/14/25 14:12	05/15/25 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/14/25 14:14	05/15/25 19:01	1
Barium	0.028		0.010	0.0012	mg/L		05/14/25 14:14	05/15/25 19:01	1
Beryllium	<0.0040		0.0040	0.00089	mg/L		05/14/25 14:14	05/16/25 22:10	1
Cadmium	<0.0020		0.0020	0.00043	mg/L		05/14/25 14:14	05/15/25 19:01	1
Chromium	0.010		0.010	0.0017	mg/L		05/14/25 14:14	05/15/25 19:01	1
Cobalt	0.0014	J	0.0050	0.00078	mg/L		05/14/25 14:14	05/15/25 19:01	1
Copper	0.011	B	0.010	0.0018	mg/L		05/14/25 14:14	05/15/25 19:01	1
Iron	6.9		0.40	0.082	mg/L		05/14/25 14:14	05/15/25 19:01	1
Lead	0.0075		0.0075	0.0027	mg/L		05/14/25 14:14	05/15/25 19:01	1
Manganese	0.064		0.010	0.0023	mg/L		05/14/25 14:14	05/15/25 19:01	1
Nickel	0.0054	J	0.010	0.0048	mg/L		05/14/25 14:14	05/15/25 19:01	1
Selenium	<0.010		0.010	0.0053	mg/L		05/14/25 14:14	05/15/25 19:01	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/14/25 14:14	05/15/25 19:01	1
Zinc	0.030	J	0.50	0.0050	mg/L		05/14/25 14:14	05/16/25 22:10	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		05/16/25 11:00	05/19/25 11:58	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		05/19/25 10:45	05/20/25 13:21	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0080	J	0.016	0.0066	mg/Kg	☼	05/20/25 15:15	05/21/25 13:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	8.0		0.2	0.2	SU			05/15/25 11:01	1

Eurofins Chicago

Definitions/Glossary

Client: Weston Solutions Inc

Job ID: 500-268196-1

Project/Site: IDOT- WO 009 FAI 80 (I-80 at Des Plaines River)

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC/MS Semi VOA

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

Metals

Qualifier	Qualifier Description
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.
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 009 FAI 80 (I-80 at Des Plaines River)

Job ID: 500-268196-1

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	100201	05-31-26

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 736104

Environment Testing
America

TAL-8210

Address _____

_____Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>A. Slesers</u>		Site Contact <u>S. House</u>		Date <u>5/12/25</u>		COC No		
Company Name <u>Weston Solutions</u>		Tel/Email		Lab Contact <u>J. Knapp</u>		Carrier		1 of COCs		
Address <u>300 knights bridge pkwy #360</u>		Analysis Turnaround Time ☐ CALENDAR DAYS ☐ WORKING DAYS TAT if different from Below _____ ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Filtered Sample (Y/N) Perform MS / MSD (Y/N) VOCs SVOCs Total Metals TCLP/SLP metals pH		500-268196 COC		Sampler		
City/State/Zip <u>Lincolnshire, IL 60069</u>								For Lab Use Only.		
Phone								Walk in Client		
Fax								Lab Sampling		
Project Name <u>180 at Des Plaines River</u>								Job / SDG No		
Site <u>Joliet, IL</u>								<u>500-268196</u>		
PO# <u>02056.018.009</u>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
RB-20(0-3)-051225		5/12	0815	G	S					
R-4(0-4)-051225			0910							
R-4(0-4)-051225D			0910							
R-4(4-8)-051225			0915							
R-11(0-2)-051225			1040							
R-12(0-2)-051225			1100							
RV-28(0-5)-051225			1225							
RR-13(0-2)-051225			1130							
RV-27(0-5)-051225			1300							
RV-29(0-4)-051225			1335							
RV-29(4-8)-051225			1340							
RV-30(0-4)-051225			1400							
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)				
☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>Fe + Mn included</u>										
Custody Seals Intact ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>[Signature]</u>		Company <u>Weston Solutions</u>		Date/Time <u>5/12/25 1400</u>		Received by <u>[Signature]</u>		Company <u>EETA</u>		
Relinquished by <u>[Signature]</u>		Company <u>EETA</u>		Date/Time <u>5/12/25 1721</u>		Received by		Company		
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EETA</u>		
								Date/Time <u>6/13/25 0800</u>		

Chain of Custody Record 736103

Environment Testing
America

TAL-8210

 Address _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Client Contact		Project Manager <u>A. Slesers</u>		Site Contact <u>S. House</u>		Date <u>5/12/2025</u>		COC No		
Company Name <u>Weston Solutions</u>		Tel/Email:		Lab Contact <u>J. Knapp</u>		Carrier:		2 of COCs		
Address <u>300 Knightsbridge Pkwy #360</u>		Analysis Turnaround Time		Perform MS/MSD (Y/N) VOCs SVOCs Total Metals TCUR/SLP Metals pH				Sampler		
City/State/Zip <u>Lincolnshire, IL 60069</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only		
Phone		TAT if different from Below						Walk in Client		
Fax		☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day						Lab Sampling		
Project Name <u>1-80 at Des Plaines River</u>								Job / SDG No		
Site <u>Joliet, IL</u>								500-268196		
PO # <u>02056.018 009</u>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Sample Specific Notes			
13 RV-30(4-8)-051225		5/12	1405	G	S					
14 RV-33(0-4)-051225			1430							
15 RV-33(4-8)-061225			1435							
16 RV-36(0-4)-051225			1525							
17 RV-35(0-4)-051225			1545							
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)				
☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown						☐ Return to Client ☒ Disposal by Lab ☐ Archive for _____ Months				
Special Instructions/QC Requirements & Comments: <u>Fe + Mn included</u>										
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temp (°C) Obs'd		Corr'd		Therm ID No		
Relinquished by <u>[Signature]</u>		Company <u>Weston Solutions</u>		Date/Time <u>5/12/25 1440</u>		Received by <u>[Signature]</u>		Company <u>EETA</u>		
Relinquished by <u>[Signature]</u>		Company <u>EETA</u>		Date/Time <u>5/12/25 1721</u>		Received by		Company		
Relinquished by		Company		Date/Time		Received in Laboratory by <u>Stephanie Hernandez</u>		Company <u>EETA</u>		
								Date/Time <u>5/13/25 0800</u>		